

APPENDIX IV

TABLES

Table IV-1 Numbers of physicians by province, year, and specialty. Source: Southam Database

	General/Family Medicine			Internal Medicine			Medical Genetics		
	1986	1991	1996	1986	1991	1996	1986	1991	1996
Nfld.	575	590	569	59	71	75	0	0	1
P.E.I.	105	105	99	13	13	12	0	0	0
N.S.	855	981	924	128	147	166	0	0	1
N.B.	495	600	662	50	66	82	0	0	0
Que.	6076	7019	7559	1424	1559	1711	0	0	2
Ont.	8499	10402	9905	1621	1904	2119	0	0	10
Man.	963	1073	992	189	179	190	0	0	4
Sask.	899	948	879	93	104	115	0	0	0
Alta.	1972	2415	2399	321	390	444	0	0	6
B.C.	3030	3722	4144	455	508	584	0	0	5
Y.T.	26	34	40	0	0	0	0	0	0
N.W.T	36	40	49	2	1	1	0	0	0
Canada	23531	27929	28221	4355	4942	5499	0	0	29
	Dermatology			Neurology			Pediatrics		
	1986	1991	1996	1986	1991	1996	1986	1991	1996
Nfld.	1	3	3	8	7	9	30	34	33
P.E.I.	1	1	1	0	0	1	4	4	8
N.S.	7	12	12	12	16	18	58	61	64
N.B.	5	8	6	5	9	10	20	23	23
Que.	125	145	178	169	197	209	431	489	550
Ont.	154	184	182	152	179	216	637	756	803
Man.	13	12	9	11	19	20	104	116	104
Sask.	4	3	7	10	12	13	43	41	34
Alta.	20	24	34	31	44	51	147	173	168
B.C.	48	53	59	53	61	78	186	203	227
Y.T.	0	0	0	0	0	0	0	1	1
N.W.T	0	0	0	0	1	0	3	1	2
Canada	378	445	491	451	545	625	1663	1902	2017
	Physical Medicine & Rehab			Psychiatry			Public Health		
	1986	1991	1996	1986	1991	1996	1986	1991	1996
Nfld.	1	1	2	29	31	38	0	0	1
P.E.I.	3	2	2	8	5	7	1	0	0
N.S.	7	11	12	74	95	104	4	2	3
N.B.	4	5	5	29	31	31	0	1	2
Que.	60	63	74	749	888	928	160	185	194
Ont.	79	102	119	1205	1484	1642	51	73	100
Man.	8	8	10	103	118	124	6	9	13
Sask.	6	7	8	40	46	43	3	2	9
Alta.	12	18	21	156	194	222	17	16	20
B.C.	25	28	37	312	362	465	31	30	34
Y.T.	0	0	0	1	0	1	0	0	1
N.W.T	0	0	0	0	1	1	0	0	1
Canada	205	245	290	2706	3255	3606	273	318	378

Table IV-1 (continued)

	Emergency Medicine			Occupational Medicine			Anesthesia		
	1986	1991	1996	1986	1991	1996	1986	1991	1996
Nfld.	0	0	0	0	0	0	23	24	36
P.E.I.	1	0	0	0	0	0	3	5	5
N.S.	0	5	7	0	0	0	61	72	81
N.B.	1	2	3	0	0	0	29	29	40
Que.	14	23	35	0	4	6	489	547	556
Ont.	48	94	109	0	20	23	699	810	843
Man.	9	7	7	0	2	3	72	82	98
Sask.	0	0	0	0	0	0	42	60	65
Alta.	14	36	41	0	6	6	146	172	190
B.C.	35	61	69	0	3	5	273	286	326
Y.T.	0	0	0	0	0	0	0	0	1
N.W.T	0	0	0	0	0	0	0	0	0
Canada	122	228	271	0	35	43	1837	2087	2241
	Nuclear Medicine			Radiology-Diagnostic			Radiology-Therapeutic		
	1986	1991	1996	1986	1991	1996	1986	1991	1996
Nfld.	0	2	2	21	25	27	4	3	3
P.E.I.	0	0	0	4	4	4	2	1	0
N.S.	0	3	3	64	64	66	9	7	8
N.B.	1	1	3	33	37	43	5	6	6
Que.	53	70	88	358	418	485	87	85	70
Ont.	44	58	62	566	645	648	101	99	114
Man.	4	5	7	53	64	62	5	1	3
Sask.	4	4	4	45	43	50	8	4	4
Alta.	6	8	13	136	141	153	22	20	23
B.C.	8	13	20	197	216	233	24	27	42
Y.T.	0	0	0	0	0	0	0	0	0
N.W.T	0	0	0	0	1	1	0	0	0
Canada	120	164	202	1477	1658	1772	267	253	273
	Medical Biochemistry			Medical Microbiology			Pathology		
	1986	1991	1996	1986	1991	1996	1986	1991	1996
Nfld.	1	1	1	0	0	1	13	23	24
P.E.I.	0	0	0	0	1	1	1	4	4
N.S.	2	4	3	2	4	4	26	31	28
N.B.	0	0	0	1	4	4	11	14	24
Que.	38	38	49	50	116	136	234	236	225
Ont.	19	21	22	21	44	47	351	403	408
Man.	0	0	0	2	3	4	34	42	48
Sask.	1	2	4	1	3	4	29	36	37
Alta.	4	2	2	9	9	11	94	117	104
B.C.	8	11	13	12	24	24	134	158	174
Y.T.	0	0	0	0	0	0	0	0	0
N.W.T	0	0	0	0	0	0	0	0	0
Canada	73	79	94	98	208	236	927	1064	1076

Table IV-1 (continued)

	General Surgery			Cardio/Thoracic Surgery			Neurosurgery		
	1986	1991	1996	1986	1991	1996	1986	1991	1996
Nfld.	29	29	33	5	3	3	4	2	2
P.E.I.	9	8	9	0	0	0	0	0	0
N.S.	82	69	62	10	10	8	6	7	8
N.B.	56	50	41	2	3	6	5	5	6
Que.	601	593	566	62	72	75	51	54	63
Ont.	751	711	653	58	86	99	65	72	78
Man.	83	76	76	10	11	10	6	4	6
Sask.	71	61	60	7	6	8	8	6	7
Alta.	155	148	133	16	17	18	15	16	18
B.C.	251	214	203	22	31	35	26	26	30
Y.T.	1	2	2	0	0	0	0	0	0
N.W.T	2	2	1	0	0	0	0	0	0
Canada	2091	1963	1839	192	239	262	186	192	218
	Obstetrics & Gynecology			Ophthalmology			Otolaryngology		
	1986	1991	1996	1986	1991	1996	1986	1991	1996
Nfld.	17	21	23	8	10	11	4	6	5
P.E.I.	8	10	5	3	4	3	2	1	1
N.S.	37	48	50	32	35	39	16	21	19
N.B.	29	29	29	15	23	27	12	13	13
Que.	420	421	420	251	259	284	174	195	199
Ont.	604	650	626	345	374	396	197	216	214
Man.	68	59	59	30	30	27	22	19	18
Sask.	32	37	31	15	22	23	13	13	12
Alta.	125	124	116	66	71	84	30	36	34
B.C.	150	161	174	155	154	170	74	74	72
Y.T.	0	1	1	0	0	0	0	0	0
N.W.T	1	1	1	1	1	1	0	0	2
Canada	1491	1562	1535	921	983	1065	544	594	589
	Orthopedic Surgery			Plastic Surgery			Urology		
	1986	1991	1996	1986	1991	1996	1986	1991	1996
Nfld.	8	13	15	1	2	2	6	8	9
P.E.I.	3	3	3	2	2	3	1	2	2
N.S.	17	22	24	7	9	9	17	22	22
N.B.	20	22	23	8	9	13	17	20	20
Que.	249	283	298	97	111	120	130	144	143
Ont.	312	356	378	111	142	159	172	201	216
Man.	30	33	35	9	11	13	17	19	23
Sask.	25	25	27	8	9	14	16	15	15
Alta.	72	80	91	28	32	35	34	36	30
B.C.	124	140	150	37	48	56	63	60	67
Y.T.	0	0	0	1	0	0	0	0	0
N.W.T	1	1	1	0	0	0	0	0	0
Canada	861	978	1045	309	375	424	473	527	547

Table IV-1 (continued)

	Medical Scientist			ALL Physicians			ALL Specialists		
	1986	1991	1996	1986	1991	1996	1986	1991	1996
Nfld.	0	1	0	847	910	928	272	320	359
P.E.I.	0	0	0	174	175	170	69	70	71
N.S.	3	2	1	1536	1760	1746	681	779	822
N.B.	0	0	0	853	1010	1122	358	410	460
Que.	10	27	18	12562	14241	15241	6486	7222	7682
Ont.	20	39	27	16882	20125	20218	8383	9723	10313
Man.	5	9	8	1856	2011	1973	893	938	981
Sask.	0	1	2	1423	1510	1475	524	562	596
Alta.	2	6	5	3650	4351	4472	1678	1936	2073
B.C.	3	8	9	5736	6682	7505	2706	2960	3361
Y.T.	0	0	0	29	38	47	3	4	7
N.W.T	0	0	0	46	50	61	10	10	12
Canada	43	93	70	45594	52863	54958	22063	24934	26737

Table IV-2 Age Distributions by Gender by Province, 1986 Physicians
(Gender: T - male and female; M - male; F - female)

Province	Gender	Mean Age	Proportions (%) by Age Groupings					
			<30	30-39	40-49	50-59	60-69	70+
Nfld.	T	42.8	10.6	35.4	26.3	17.0	9.7	1.1
	M	44.1	9.2	31.8	27.9	18.2	11.7	1.3
	F	37.4	16.6	51.0	19.1	12.1	1.3	0.0
P.E.I.	T	48.8	2.9	27.5	23.4	18.7	22.8	4.7
	M	49.7	2.6	25.2	23.2	17.9	25.8	5.3
	F	41.5	5.0	45.0	25.0	25.0	0.0	0.0
N.S.	T	45.4	7.8	31.5	24.1	19.7	14.0	3.0
	M	46.6	6.2	28.5	25.2	20.9	15.8	3.4
	F	39.3	15.7	46.9	18.5	13.4	4.7	0.8
N.B.	T	46.0	6.2	28.9	28.5	21.2	11.7	3.6
	M	47.1	4.6	26.0	30.2	22.5	12.9	3.9
	F	39.2	16.2	47.0	17.9	12.8	4.3	1.7
Que.	T	44.5	8.7	34.2	23.8	18.9	11.0	3.4
	M	46.2	5.5	30.6	25.9	21.4	12.5	4.0
	F	37.3	22.0	49.4	14.8	8.2	4.6	1.1
Ont.	T	46.3	4.2	31.3	26.4	21.1	13.5	3.3
	M	47.5	3.2	28.3	26.8	23.0	14.9	3.8
	F	41.2	9.0	44.8	24.9	12.7	7.4	1.2
Man.	T	46.2	6.6	33.4	20.9	19.3	15.5	4.3
	M	47.5	5.6	29.9	21.7	20.9	17.0	4.9
	F	40.3	11.3	50.0	16.9	12.0	8.3	1.5
Sask.	T	46.1	5.6	28.6	26.8	24.0	12.7	2.3
	M	47.1	4.2	26.5	27.5	25.1	14.0	2.7
	F	41.1	13.6	40.2	22.4	18.2	5.6	0.0
Alta.	T	44.7	5.4	37.0	23.8	19.9	11.2	2.7
	M	46.0	3.8	32.9	25.3	22.0	12.8	3.1
	F	38.3	12.8	56.4	16.5	10.1	3.6	0.6
B.C.	T	46.2	3.1	31.0	29.2	21.0	13.4	2.4
	M	47.4	2.0	27.6	30.1	22.7	14.8	2.8
	F	40.7	8.3	47.7	24.4	12.5	6.7	0.4
Y.T.	T	41.1	6.9	41.4	27.6	17.2	6.9	0.0
	M	42.4	9.1	31.8	31.8	18.2	9.1	0.0
	F	37.3	0.0	71.4	14.3	14.3	0.0	0.0
N.W.T.	T	40.7	17.4	39.1	19.6	15.2	8.7	0.0
	M	43.8	14.7	26.5	26.5	20.6	11.8	0.0
	F	32.1	25.0	75.0	0.0	0.0	0.0	0.0
Canada	T	45.6	5.8	32.6	25.6	20.3	12.6	3.1
	M	46.9	4.1	29.2	26.7	22.3	14.1	3.6
	F	39.6	13.7	47.7	20.4	11.3	5.9	1.0

Table IV-3 Age Distributions by Gender by Province, 1991 Physicians
(Gender: T - male and female; M - male; F - female) 1991

Province	Gender	Mean Age	Proportions (%) by Age Groupings					
			<30	30-39	40-49	50-59	60-69	70+
Nfld.	T	44.1	5.6	34.8	30.6	17.1	10.0	1.9
	M	45.7	4.7	28.7	32.7	19.4	12.2	2.3
	F	38.6	8.9	55.2	23.6	9.4	2.5	0.5
P.E.I.	T	48.9	2.9	28.6	24.6	21.7	15.4	6.9
	M	49.8	3.3	25.2	25.2	21.2	17.2	7.9
	F	43.2	0.0	50.0	20.8	25.0	4.2	0.0
N.S.	T	45.0	5.1	34.8	28.4	17.4	11.3	3.0
	M	46.8	3.7	29.0	29.6	20.7	13.2	3.7
	F	39.4	9.2	53.2	24.6	6.9	5.4	0.7
N.B.	T	44.8	6.6	32.4	28.8	18.1	11.0	3.0
	M	46.3	4.5	29.3	29.7	20.0	13.0	3.5
	F	38.2	16.7	46.7	25.0	9.4	1.7	0.6
Que.	T	45.1	6.7	33.6	27.0	17.3	11.8	3.6
	M	47.3	3.8	27.7	29.0	20.8	14.3	4.4
	F	38.0	15.6	52.1	21.0	6.5	3.9	1.0
Ont.	T	45.7	6.1	30.7	28.5	18.7	12.6	3.3
	M	47.2	4.8	26.3	29.1	20.9	14.9	4.0
	F	40.5	10.7	45.1	26.4	11.4	5.3	1.2
Man.	T	45.4	7.7	32.7	25.4	16.5	14.0	3.7
	M	47.0	6.3	28.2	25.9	18.5	16.4	4.6
	F	39.5	12.5	48.7	23.5	9.3	5.5	0.5
Sask.	T	46.7	3.5	29.2	29.4	20.6	14.4	2.9
	M	47.9	3.2	25.1	29.8	22.9	15.7	3.2
	F	41.8	4.9	46.9	27.4	10.8	8.7	1.4
Alta.	T	44.1	5.5	36.7	29.2	16.3	10.0	2.3
	M	45.7	4.0	32.2	30.0	18.9	11.9	2.9
	F	38.7	10.6	51.9	26.5	7.3	3.4	0.3
B.C.	T	45.5	5.0	29.4	33.1	18.9	11.4	2.2
	M	46.9	3.8	25.2	33.8	21.2	13.4	2.6
	F	40.2	9.4	45.3	30.7	10.1	4.1	0.4
Y.T.	T	40.7	5.4	40.5	40.5	13.5	0.0	0.0
	M	41.9	3.8	34.6	46.2	15.4	0.0	0.0
	F	38.0	9.1	54.5	27.3	9.1	0.0	0.0
N.W.T.	T	41.5	14.0	42.0	18.0	20.0	6.0	0.0
	M	42.4	13.5	35.1	21.6	21.6	8.1	0.0
	F	38.8	15.4	61.5	7.7	15.4	0.0	0.0
Canada	T	45.3	6.0	32.1	28.7	18.0	12.0	3.1
	M	47.0	4.3	27.3	29.7	20.7	14.2	3.8
	F	39.5	11.8	48.3	25.1	9.2	4.6	0.9

Table IV-4 Age Distributions by Gender by Province, 1996 Physicians
(Gender: T - male and female; M - male; F - female)

Province	Gender	Mean Age	Proportions (%) by Age Groupings					
			<30	30-39	40-49	50-59	60-69	70+
Nfld.	T	45.0	3.9	32.2	32.5	20.2	8.8	2.4
	M	46.7	3.5	27.3	31.7	23.5	10.9	3.2
	F	40.1	5.2	46.8	35.2	10.3	2.6	0.0
P.E.I.	T	48.1	1.2	21.8	35.9	24.1	13.5	3.5
	M	49.0	1.4	20.1	33.1	25.9	15.1	4.3
	F	44.5	0.0	29.0	48.4	16.1	6.5	0.0
N.S.	T	46.2	1.8	30.2	33.2	20.0	11.9	2.9
	M	47.9	1.6	25.0	32.0	23.0	14.7	3.8
	F	41.7	2.3	44.4	36.5	11.7	4.5	0.6
N.B.	T	45.8	3.5	31.6	29.8	21.5	11.4	2.2
	M	47.5	2.5	27.2	28.7	25.3	13.4	2.9
	F	40.0	6.6	46.7	33.5	8.6	4.7	0.0
Que.	T	46.4	4.0	29.4	30.9	19.0	12.5	4.3
	M	49.1	2.1	21.7	31.1	23.5	16.1	5.4
	F	39.8	8.7	48.2	30.4	7.9	3.5	1.4
Ont.	T	46.9	2.9	26.7	32.7	21.4	12.9	3.4
	M	48.6	2.2	22.6	31.5	23.7	15.7	4.2
	F	42.5	4.8	38.1	35.8	15.1	5.1	1.1
Man.	T	45.9	4.8	29.6	32.3	17.3	12.6	3.4
	M	47.5	3.5	26.8	31.1	18.8	15.5	4.3
	F	41.0	8.7	38.5	36.2	12.5	3.7	0.4
Sask.	T	47.4	2.6	27.3	29.4	22.5	15.1	3.1
	M	48.7	2.2	22.9	29.2	24.6	17.5	3.6
	F	42.5	4.1	43.1	30.5	14.8	6.3	1.3
Alta.	T	45.3	3.9	29.3	36.2	18.3	10.2	2.1
	M	47.0	3.2	24.3	35.4	21.6	12.6	2.8
	F	40.7	5.7	43.4	38.4	9.0	3.3	0.3
B.C.	T	46.1	2.4	28.5	34.2	22.4	10.3	2.3
	M	47.7	1.8	23.4	33.8	25.6	12.6	2.8
	F	41.3	4.3	43.8	35.5	12.7	3.2	0.6
Y.T.	T	43.9	4.3	29.8	40.4	17.0	8.5	0.0
	M	46.6	7.1	10.7	46.4	25.0	10.7	0.0
	F	39.9	0.0	57.9	31.6	5.3	5.3	0.0
N.W.T.	T	41.6	11.5	36.1	29.5	14.8	6.6	1.6
	M	42.5	9.8	34.1	29.3	17.1	7.3	2.4
	F	39.8	15.0	40.0	30.0	10.0	5.0	0.0
Canada	T	46.4	3.3	28.3	32.5	20.4	12.1	3.3
	M	48.3	2.3	23.0	31.9	23.6	15.0	4.2
	F	41.2	6.0	42.9	34.2	11.7	4.1	1.0

Table IV-5 Population-to-physician ratios by province, year and specialty. The numbers of physicians used to compute these ratios were derived from the Southam Database (i.e. “Head counts”)

	General/Family Medicine			Internal Medicine			Medical Genetics		
	1986	1991	1996	1986	1991	1996	1986	1991	1996
Nfld.	988	963	969	9633	8006	7357	-	-	551792
P.E.I.	1206	1235	1359	9742	9981	11213	-	-	-
N.S.	1021	917	984	6821	6122	5477	-	-	909282
N.B.	1433	1206	1115	14188	10968	9001	-	-	-
Que.	1075	982	944	4587	4423	4172	-	-	3569397
Ont.	1070	969	1085	5614	5296	5074	-	-	1075357
Man.	1103	1017	1122	5624	6100	5862	-	-	278474
Sask.	1123	1043	1126	10856	9508	8610	-	-	-
Alta.	1199	1054	1124	7370	6527	6073	-	-	449471
B.C.	951	881	898	6337	6460	6377	-	-	744900
Y.T.	904	817	769	-	-	-	-	-	-
N.W.T	1451	1441	1314	26119	57649	64402	-	-	-
Canada	1075	977	1022	5811	5523	5245	-	-	994715

	Dermatology			Neurology			Pediatrics		
	1986	1991	1996	1986	1991	1996	1986	1991	1996
Nfld.	568349	189491	183930	71043	81210	61310	18944	16719	16720
P.E.I.	126646	129765	134557	-	-	134557	31661	32441	16819
N.S.	124739	74995	75773	72764	56246	50515	15054	14753	14207
N.B.	141888	90487	123022	141888	80433	73813	35472	31473	32092
Que.	52259	47558	40105	38653	35004	34156	15156	14102	12979
Ont.	59101	54809	59085	59879	56340	49785	14288	13339	13391
Man.	81770	90995	123766	96637	57470	55694	10221	9413	10710
Sask.	252403	329642	141462	100961	82410	76172	23479	24120	29124
Alta.	118291	106064	79318	76316	57853	52878	16094	14714	16052
B.C.	60070	61925	63127	54403	53804	47750	15501	16167	16407
Y.T.	-	-	-	-	-	-	-	27797	30766
N.W.T	-	-	-	-	57649	-	17412	57649	32201
Canada	66955	61341	58751	56118	50085	46154	15219	14351	14301

	Physical Medicine & Rehab			Psychiatry			Public Health		
	1986	1991	1996	1986	1991	1996	1986	1991	1996
Nfld.	568349	568474	275896	19598	18337	14520	-	-	551792
P.E.I.	42215	64882	67278	15830	25953	19222	126646	-	-
N.S.	124739	81812	75773	11799	9473	8743	218294	449971	303094
N.B.	177360	144780	147626	24463	23351	23810	-	723900	369066
Que.	108874	109459	96470	8721	7765	7692	40827	37275	36797
Ont.	115211	98871	90366	7553	6795	6549	178464	138149	107535
Man.	132877	136492	111389	10320	9253	8983	177169	121326	85684
Sask.	168268	141275	123779	25240	21498	23028	336537	494464	110026
Alta.	197152	141419	128420	15165	13121	12147	139166	159097	134841
B.C.	115334	117216	100662	9241	9066	8009	93011	109402	109544
Y.T.	-	-	-	23504	-	30766	-	-	30766
N.W.T	-	-	-	-	57649	64402	-	-	64402
Canada	123460	111415	99471	9353	8386	7999	92708	85839	76314

Table IV-5 (continued)

	Emergency Medicine			Occupational Medicine			Anesthesia		
	1986	1991	1996	1986	1991	1996	1986	1991	1996
Nfld.	-	-	-	-	-	-	24710	23686	15327
P.E.I.	126646	-	-	-	-	-	42215	25953	26911
N.S.	-	179988	129897	-	-	-	14314	12499	11225
N.B.	709442	361950	246044	-	-	-	24463	24962	18453
Que.	466604	299824	203965	-	1723990	1189799	13358	12606	12839
Ont.	189618	107286	98656	-	504244	467546	13021	12450	12756
Man.	118112	155991	159128	-	545971	371299	14764	13316	11366
Sask.	-	-	-	-	-	-	24038	16482	15234
Alta.	168987	70709	65776	-	424258	449471	16204	14799	14193
B.C.	82381	53804	53978	-	1094020	744900	10561	11475	11424
Y.T.	-	-	-	-	-	-	-	-	30766
N.W.T	-	-	-	-	-	-	-	-	-
Canada	207453	119723	106445	-	779910	670854	13777	13079	12872

	Nuclear Medicine			Radiology-Diagnostic			Radiology-Therapeutic		
	1986	1991	1996	1986	1991	1996	1986	1991	1996
Nfld.	-	284237	275896	27064	22738	20436	142087	189491	183930
P.E.I.	-	-	-	31661	32441	33639	63323	129765	-
N.S.	-	299980	303094	13643	14061	13777	97019	128563	113660
N.B.	709442	723900	246044	21498	19564	17165	141888	120650	123022
Que.	123253	98513	81122	18247	16497	14719	75085	81128	101982
Ont.	206856	173877	173444	16080	15635	16595	90115	101867	94329
Man.	265754	218388	159128	20056	17061	17966	212603	1091942	371299
Sask.	252403	247232	247559	22435	22998	19804	126201	247232	247559
Alta.	394304	318194	207448	17395	18053	17626	107537	127277	117253
B.C.	360420	252466	186225	14636	15194	15984	120140	121557	88678
Y.T.	-	-	-	-	-	-	-	-	-
N.W.T	-	-	-	-	57649	64402	-	-	-
Canada	210911	166444	142805	17135	16463	16279	94791	107892	105665

	Medical Biochemistry			Medical Microbiology			Pathology		
	1986	1991	1996	1986	1991	1996	1986	1991	1996
Nfld.	568349	568474	551792	-	-	551792	43719	24716	22991
P.E.I.	-	-	-	-	129765	134557	126646	32441	33639
N.S.	436588	224985	303094	436588	224985	227320	33583	29030	32474
N.B.	-	-	-	709442	180975	184533	64494	51707	30755
Que.	171906	181472	145689	130649	59447	52491	27916	29220	31727
Ont.	479036	480232	488798	433414	229201	228799	25930	25024	26356
Man.	-	-	-	531508	363980	278474	31265	25998	23206
Sask.	1009613	494464	247559	1009613	329642	247559	34814	27470	26763
Alta.	591456	1272776	1348413	262869	282839	245166	25168	21756	25931
B.C.	360420	298369	286500	240280	136752	155187	21517	20772	21405
Y.T.	-	-	-	-	-	-	-	-	-
N.W.T	-	-	-	-	-	-	-	-	-
Canada	346703	345529	306880	258258	131234	122232	27302	25654	26809

Table IV-5 (continued)

	General Surgery			Cardio/Thoracic Surgery			Neurosurgery		
	1986	1991	1996	1986	1991	1996	1986	1991	1996
Nfld.	19598	19602	16720	113669	189491	183930	142087	284237	275896
P.E.I.	14071	16220	14950	-	-	-	-	-	-
N.S.	10648	13042	14665	87317	89994	113660	145529	128563	113660
N.B.	12668	14478	18003	354721	241300	123022	141888	144780	123022
Que.	10869	11628	12612	105362	95777	95183	128087	127703	113314
Ont.	12119	14184	16467	156925	117266	108621	140026	140067	137866
Man.	12807	14367	14656	106301	99267	111389	177169	272985	185649
Sask.	14219	16211	16503	144230	164821	123779	126201	164821	141462
Alta.	15263	17199	20276	147864	149738	149823	157721	159097	149823
B.C.	11487	15336	18347	131062	105872	106414	110898	126233	124150
Y.T.	23504	13898	15383	-	-	-	-	-	-
N.W.T	26119	28824	64402	-	-	-	-	-	-
Canada	12103	13905	15686	131819	114212	110102	136071	142171	132324
	Obstetrics & Gynecology			Ophthalmology			Otolaryngology		
	1986	1991	1996	1986	1991	1996	1986	1991	1996
Nfld.	33432	27070	23990	71043	56847	50162	142087	94745	110358
P.E.I.	15830	12976	26911	42215	32441	44852	63323	129765	134557
N.S.	23599	18748	18185	27286	25712	23314	54573	42854	47856
N.B.	24463	24962	25452	47296	31473	27338	59120	55684	56779
Que.	15553	16379	16997	26025	26625	25136	37542	35363	35873
Ont.	15069	15515	17178	26381	26964	27155	46201	46689	50250
Man.	15632	18507	18879	35433	36398	41255	48318	57470	61883
Sask.	31550	26727	31943	67307	44951	43053	77662	76071	82519
Alta.	18926	20528	23248	35845	35852	32105	78860	70709	79318
B.C.	19222	20385	21405	18602	21312	21908	38964	44352	51729
Y.T.	-	27797	30766	-	-	-	-	-	-
N.W.T	52238	57649	64402	52238	57649	64402	-	-	32201
Canada	16974	17475	18792	27480	27768	27086	46524	45954	48975
	Orthopedic Surgery			Plastic Surgery			Urology		
	1986	1991	1996	1986	1991	1996	1986	1991	1996
Nfld.	71043	43728	36786	568349	284237	275896	94724	71059	61310
P.E.I.	42215	43255	44852	63323	64882	44852	126646	64882	67278
N.S.	51363	40906	37886	124739	99993	101031	51363	40906	41331
N.B.	35472	32904	32092	88680	80433	56779	41731	36195	36906
Que.	26234	24367	23955	67344	62125	59489	50249	47888	49921
Ont.	29172	28328	28448	81997	71020	67632	52916	50173	49785
Man.	35433	33089	31825	118112	99267	85684	62530	57470	48430
Sask.	40384	39557	36675	126201	109880	70731	63100	65928	66015
Alta.	32858	31819	29635	84493	79548	77052	69583	70709	89894
B.C.	23252	23443	24830	77928	68376	66508	45767	54701	55589
Y.T.	-	-	-	23504	-	-	-	-	-
N.W.T	52238	57649	64402	-	-	-	-	-	-
Canada	29395	27910	27604	81907	72791	68034	53508	51796	52736

Table IV-5 (continued)

	Medical Scientist			ALL Physicians			ALL Specialists		
	1986	1991	1996	1986	1991	1996	1986	1991	1996
Nfld.	-	568474	-	671	624	594	2089	1776	1537
P.E.I.	-	-	-	727	741	791	1835	1853	1895
N.S.	291058	449971	909282	568	511	520	1282	1155	1106
N.B.	-	-	-	831	716	657	1981	1765	1604
Que.	653246	255406	396599	520	484	468	1007	954	929
Ont.	455084	258586	398280	539	501	531	1085	1037	1042
Man.	212603	121326	139237	572	542	564	1190	1164	1135
Sask.	-	988928	495118	709	654	671	1926	1759	1661
Alta.	1182912	424258	539365	648	585	603	1409	1314	1300
B.C.	961122	410257	413833	502	491	496	1065	1108	1108
Y.T.	-	-	-	810	731	654	7834	6949	4395
N.W.T	-	-	-	1135	1152	1055	5223	5764	5366
Canada	588589	293514	412096	555	516	524	1147	1094	1078

Table IV-6 Population-to-physician distances by specialty by year. For each of the physician specialties tabulated, the three lines of figures are for the years 1986, 1991, and 1996, respectively.

Specialty	% of population by distance (km) to nearest physician								
	Mean	Median	<5	5-24	25-49	50-99	100-149	150-199	200+
General/Family Medicine	4.6	.5	79.6	16.9	2.5	.6	.1	.1	.1
	3.4	.5	86.1	12.0	1.3	.3	.1	.1	.1
	3.4	.5	86.5	11.6	1.3	.3	.1	.1	.2
Internal Medicine	18.9	2.2	65.1	18.1	6.6	6.0	1.9	.9	1.4
	18.2	2.2	66.7	18.5	6.2	5.0	1.5	.6	1.4
	16.9	2.2	67.4	19.1	5.9	4.4	1.3	.7	1.2
Medical Genetics	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-
	12.0	36.2	11.7	33.0	10.8	13.1	8.1	4.0	19.3
Dermatology	52.9	5.8	47.1	20.9	9.8	7.5	4.1	2.7	8.0
	40.1	4.9	50.0	20.9	9.9	7.2	3.9	2.3	5.7
	38.2	4.9	51.6	20.6	9.2	7.3	3.9	2.1	5.4
Neurology	55.5	8.2	42.2	21.6	9.7	10.7	4.9	2.8	8.1
	53.4	7.0	44.3	24.0	9.5	8.6	4.6	2.2	6.9
	41.7	6.2	45.9	24.2	9.7	8.9	4.4	2.1	4.7
Pediatrics	21.7	3.1	60.8	17.7	8.8	7.6	2.5	1.2	1.5
	22.5	3.1	62.2	18.1	8.2	6.7	2.1	1.0	1.7
	21.0	2.2	63.0	18.4	7.6	6.3	2.0	1.0	1.6
Physical Medicine & Rehab	58.4	10.1	36.1	27.0	9.9	9.9	5.2	3.3	8.6
	52.0	8.5	38.0	28.3	9.8	9.3	4.3	2.8	7.4
	48.4	8.2	40.0	27.5	10.4	8.5	4.0	2.6	6.9
Psychiatry	24.9	2.2	62.2	18.1	7.6	6.0	2.1	1.4	2.6
	23.4	2.2	64.0	18.1	7.2	4.9	2.2	1.3	2.2
	20.3	2.2	65.4	18.2	7.0	5.0	2.0	.7	1.6
Public Health	64.7	9.3	37.6	23.7	12.5	8.6	4.0	3.1	10.5
	48.3	8.2	39.2	26.0	11.7	9.3	4.3	2.7	6.8
	43.2	7.3	41.1	27.7	8.6	9.8	5.3	2.3	5.3
Emergency Medicine	77.1	15.7	26.7	30.4	8.8	12.3	5.5	5.3	10.9
	64.4	12.2	32.4	28.2	9.8	12.3	5.9	3.2	8.2
	59.3	11.4	33.4	28.4	10.4	10.5	5.3	4.7	7.3
Occupational Medicine	-	-	-	-	-	-	-	-	-
	87.6	23.0	17.1	34.4	10.7	14.5	7.3	4.4	11.7
	79.6	17.5	22.4	32.6	11.8	11.8	7.2	3.6	10.7

Table IV-6 (continued)

Specialty	Mean	Median	% of population by distance (km) to nearest physician						
			<5	5-24	25-49	50-99	100-149	150-199	200+
Anesthesia	27.4	2.2	61.0	17.9	7.3	5.6	3.1	1.9	3.1
	24.6	2.2	63.9	18.0	6.3	4.8	2.3	1.9	2.9
	21.9	2.2	64.1	18.8	6.4	5.2	2.0	1.2	2.3
Nuclear Medicine	61.1	12.6	31.5	29.7	9.7	10.3	7.0	2.9	8.8
	56.4	11.8	33.5	30.4	10.0	9.6	5.9	2.6	8.1
	48.6	9.8	35.1	32.1	9.8	9.0	5.4	2.1	6.4
Radiology-Diagnostic	19.0	3.1	61.6	20.7	7.9	5.4	2.1	.9	1.3
	20.0	3.1	62.9	20.1	7.4	5.1	2.1	1.0	1.4
	18.5	3.1	62.8	21.3	7.4	4.5	1.8	.9	1.2
Radiology-Therapeutic	56.8	9.6	36.5	28.8	9.8	8.6	4.9	2.9	8.5
	63.1	13.6	29.0	33.1	11.2	8.9	4.9	2.7	10.2
	63.1	13.9	28.0	32.3	12.8	9.1	5.2	2.6	10.1
Medical Biochemistry	90.0	20.3	24.6	28.3	10.0	12.3	6.6	4.0	14.4
	87.1	18.8	24.3	29.5	10.0	11.8	6.8	4.0	13.6
	82.4	17.5	24.2	30.6	10.1	12.5	6.7	4.0	11.8
Medical Microbiology	80.4	17.6	27.5	27.2	9.4	11.8	8.1	4.7	11.3
	68.7	13.9	30.3	30.1	10.0	12.0	5.0	2.7	10.0
	66.8	11.4	33.6	27.1	11.7	10.1	4.9	3.7	8.9
Pathology	27.7	3.8	56.0	22.1	8.1	6.3	2.8	1.8	2.9
	22.7	3.8	57.6	22.5	7.9	6.3	2.6	1.3	1.7
	20.5	3.8	59.1	22.7	7.6	5.9	2.1	1.1	1.5
General Surgery	14.5	2.2	66.2	20.8	6.8	4.0	1.1	.3	.7
	15.1	2.2	67.4	20.5	5.9	3.8	1.1	.4	.9
	15.2	2.2	66.1	21.9	5.8	3.8	1.1	.5	.9
Cardio/Thoracic Surgery	67.0	14.9	28.8	27.9	12.4	12.7	5.4	3.3	9.5
	59.9	12.2	31.3	29.5	11.6	11.8	5.7	2.4	7.6
	51.8	10.5	31.5	30.2	11.3	11.2	6.4	2.5	6.9
Neurosurgery	63.8	12.2	30.7	29.3	10.0	11.2	5.3	4.2	9.3
	55.5	12.6	29.7	31.6	10.4	11.5	5.9	3.3	7.6
	56.2	11.8	30.6	30.7	10.8	12.6	5.0	2.9	7.4
Obstetrics & Gynecology	25.2	3.1	59.3	20.5	7.6	6.8	2.5	1.1	2.3
	22.7	3.1	59.5	21.6	7.4	6.5	2.3	1.0	1.6
	22.2	3.8	58.8	23.3	7.5	5.8	2.1	.8	1.7

Table IV-6 (continued)

Specialty	Mean	Median	% of population by distance (km) to nearest physician						
			<5	5-24	25-49	50-99	100-149	150-199	200+
Ophthalmology	30.8	4.4	54.9	22.3	8.4	6.5	2.6	1.6	3.6
	29.0	3.8	55.7	23.1	8.4	5.8	2.2	1.5	3.4
	25.2	3.8	56.8	23.6	8.1	5.7	2.0	1.1	2.6
Otolaryngology	36.4	4.9	50.7	23.6	8.8	7.0	3.2	1.8	5.0
	28.7	4.4	52.4	24.8	8.9	6.6	2.8	1.4	3.1
	32.9	4.4	52.7	24.9	8.7	5.7	2.5	1.3	4.2
Orthopedic Surgery	29.2	4.4	53.9	22.4	8.8	7.5	3.0	1.5	3.0
	27.3	4.4	55.0	23.7	8.0	6.6	2.6	1.4	2.6
	25.9	3.8	56.0	23.0	8.4	6.1	3.0	1.4	2.1
Plastic Surgery	47.8	7.0	43.5	23.8	10.0	8.7	4.5	2.3	7.3
	44.4	6.2	45.2	24.6	9.5	8.0	3.9	2.2	6.6
	38.3	6.2	46.0	24.7	9.9	9.0	3.6	1.9	4.9
Urology	32.5	5.4	49.5	25.8	8.9	6.9	2.9	2.1	3.9
	27.1	4.9	51.4	26.3	9.0	6.1	2.9	1.5	2.6
	28.7	4.9	51.5	26.5	8.9	5.8	2.6	1.5	3.3
Medical Scientist	105.6	32.5	16.2	28.8	11.6	13.7	7.2	5.6	16.9
	94.3	25.9	18.2	31.2	10.8	14.1	6.5	5.0	14.4
	91.7	25.9	18.0	31.6	10.3	14.1	7.6	4.4	13.9

Table IV-7

1991 correlations between population-to-physician ratios and the population-weighted proportions of CDs by Statistics Canada's urban/rural codes. The population-to-physician ratios in this table were computed using SMDB counts and the CDs included were for all of Canada. 1 - Urban core, 2 - Urban fringe, 3 - Rural areas within CMA/CA, 4 - Urban areas outside CMA/CA, 5 - Rural

Specialty	Urban/Rural Codes				
	1	2	3	4	5
General/Family Medicine	-.16**	-.06	.15**	-.09	.18**
Internal Medicine	-.19*	-.08	-.04	.14	.18*
Dermatology	-.13	.12	-.02	.04	.19
Neurology	-.14	.15	-.06	.12	.13
Pediatrics	-.30**	.03	-.10	.22**	.29**
Physical Medicine & Rehab	.23	.06	-.10	-.22	-.16
Psychiatry	-.17*	-.01	-.06	.20*	.11
Public Health	.35**	.12	.10	-.30*	-.35**
Emergency Medicine	-.07	.07	.13	.02	-.01
Occupational Medicine	.40	.01	-.31	-.31	-.28
Anesthesia	-.20*	.04	-.09	.17*	.20*
Nuclear Medicine	.42**	.03	-.01	-.37**	-.40**
Radiology-Diagnostic	-.14	-.04	.02	.08	.13
Radiology-Therapeutic	.22	.18	-.16	-.12	-.19
Medical Biochemistry	.16	.14	-.16	-.09	-.14
Medical Microbiology	.29	.01	-.08	-.29	-.25
Pathology	-.27**	.05	-.11	.21*	.26**
General Surgery	.02	-.07	.08	-.01	-.04
Cardio/Thoracic Surgery	.13	.22	.16	-.13	-.20
Neurosurgery	.07	.10	-.01	-.12	-.14
Obstetrics & Gynecology	-.34**	.04	-.17*	.27**	.32**
Ophthalmology	-.01	.28**	.06	-.02	-.01
Otolaryngology	.04	.03	-.11	.02	-.02
Orthopedic Surgery	-.08	.13	-.01	.02	.09
Plastic Surgery	.09	.20	-.03	-.09	-.06
Urology	.01	.03	-.03	.03	-.04
Medical Scientist	-.21	.23	-.12	.61*	.34
ALL physicians	-.30**	-.07	.08	-.03	.32**
ALL specialists	-.42**	-.09	-.08	.20**	.42**

* Significance LE .05

** Significance LE .01 (2-tailed)

Table IV-8

1991 correlations between population-to-physician ratios and the population-weighted proportions of CDs by Statistics Canada's urban/rural codes. The population-to-physician ratios in this table were computed using SMDB counts and NPDB FTE counts but the CDs included were only for the eight provinces contributing FTE data for this study. 1 - Urban core, 2 - Urban fringe, 3 - Rural areas within CMA/CA, 4 - Urban areas outside CMA/CA, 5 - Rural

Specialty	Urban/Rural Codes				
	1	2	3	4	5
SMDB					
General Practice	-.14*	-.07	.26**	-.17*	.13
Internal Medicine	.01	-.08	.01	-.01	.01
Neurology	-.15	.46**	.10	.02	.06
Psychiatry	-.07	.01	.06	.08	.01
Pediatrics	-.18	-.01	.05	.09	.18
Dermatology	-.04	.15	.02	-.05	.10
Physical Medicine	.23	.11	-.05	-.28	-.16
Anesthesia	-.05	.04	-.01	-.01	.08
General Surgery	.15	-.05	.12	-.13	-.13
Thoracic/Cardio. Surgery	.32	.06	.18	-.30	-.34
Urology	.02	.05	.01	-.01	-.04
Orthopedic Surgery	-.01	.19	.06	-.05	.02
Plastic Surgery	.25	-.03	-.09	-.20	-.21
Neurosurgery	-.07	.29	.04	-.04	-.06
Ophthalmology	.08	.36**	.13	-.11	-.13
Otolaryngology	.07	.02	-.08	.04	-.10
Obstetrics/Gynecology	-.15	.08	.01	.08	.13
NPDB FTE					
General Practice	-.05	-.01	-.02	-.01	.08
Internal Medicine	-.17	-.07	-.09	.13	.18*
Neurology	-.09	.11	-.07	.10	.07
Psychiatry	-.16	-.01	-.06	.08	.18*
Pediatrics	-.14	-.02	-.08	.09	.17
Dermatology	-.10	-.04	-.06	.07	.16
Physical Medicine	-.19	.03	-.02	.11	.28
Anesthesia	-.11	-.05	.03	.03	.12
General Surgery	-.06	-.04	-.02	-.03	.12
Thoracic/Cardio. Surgery	.22	-.08	.02	-.18	-.20
Urology	-.16	-.03	.01	.07	.20
Orthopedic Surgery	-.21	-.01	-.01	.04	.28*
Plastic Surgery	.01	-.02	-.11	-.10	.08
Neurosurgery	-.35	-.04	.09	.73**	.21
Ophthalmology	.15	-.01	.35**	-.18	-.18
Otolaryngology	.01	-.10	.22	-.01	-.12
Obstetrics/Gynecology	-.01	.02	.19	-.07	.01

* Significance LE .05

** Significance LE .01 (2-tailed)

Table IV-9

1996 correlations between population-to-physician ratios and the population-weighted proportions of CDs by Statistics Canada's urban/rural codes. The population-to-physician ratios in this table were computed using SMDB counts and the CDs included were for all of Canada. 1 - Urban core, 2 - Urban fringe, 3 - Rural areas within CMA/CA, 4 - Urban areas outside CMA/CA, 5 - Rural

Specialty	Urban/Rural Codes				
	1	2	3	4	5
General/Family Medicine	-.17**	.01	.14*	-.03	.15*
Internal Medicine	-.33**	-.01	-.07	.29**	.30**
Medical Genetics	.45	-.03	-.42	-.25	-.36
Dermatology	-.15	.19	.16	.12	.01
Neurology	-.02	.21	-.05	-.03	.01
Pediatrics	-.23**	-.01	.08	.19*	.15
Physical Medicine & Rehab	.04	.14	-.01	-.06	-.09
Psychiatry	-.09	-.01	.01	.05	.09
Public Health	.32**	.09	.02	-.26*	-.33**
Emergency Medicine	-.01	.27	.09	-.15	-.02
Occupational Medicine	.35	.31	-.23	-.33	-.37
Anesthesia	-.22**	.05	-.12	.19*	.25**
Nuclear Medicine	.28*	.10	-.05	-.23	-.29*
Radiology-Diagnostic	-.28**	.08	-.04	.23**	.23**
Radiology-Therapeutic	.02	.40*	.01	-.11	-.06
Medical Biochemistry	.11	.11	-.09	-.02	-.16
Medical Microbiology	.24	.02	-.11	-.16	-.29
Pathology	-.13	.04	-.10	.13	.15
General Surgery	-.04	.10	.06	.05	-.02
Cardio/Thoracic Surgery	.21	.27	-.03	-.20	-.24
Neurosurgery	.10	.06	-.15	-.03	-.11
Obstetrics & Gynecology	-.24**	.02	-.07	.21*	.23**
Ophthalmology	-.11	.19*	-.05	.13	.04
Otolaryngology	.13	.04	-.08	-.01	-.15
Orthopedic Surgery	-.03	.21*	.01	-.01	-.01
Plastic Surgery	.10	.41**	.08	-.16	-.11
Urology	-.03	.11	-.07	.09	.01
Medical Scientist	-.40	.37	.12	.69**	.35
ALL physicians	-.34**	-.04	.02	.10	.33**
ALL specialists	-.43**	-.09	-.13*	.30**	.42**

* Significance LE .05

** Significance LE .01 (2-tailed)