

## HEP0685ART APPENDIX B

TABLE 1: REGRESSION RESULTS (NO INCOME DISTRIBUTION VARIABLE); ESTIMATION TECHNIQUE: POOLED TIME SERIES CROSS-SECTION

Variables	TOTAL HEALTH		HOSPITALS		OTHER INSTITUTIONS		PHYSICIANS		OTHER PROFESSIONALS	
	Coeff	T-Ratio	Coeff	T-Ratio	Coeff	T-Ratio	Coeff	T-Ratio	Coeff	T-Ratio
<b>RPRICE</b>	9.27E-02	3.46	1.54E-02	0.84	4.13E-02	0.64	7.19E-03	1.17	0.15348	6.05
<b>RGDPC</b>	-3.20E-06	-2.13	-4.14E-08	-0.04	5.33E-06	1.45	-8.12E-07	-2.24	-5.59E-06	-3.87
<b>RGDPSQ</b>	3.62E-11	1.75	-1.13E-12	-0.09	-4.85E-11	-0.92	8.55E-12	1.59	4.45E-11	2.05
<b>RNFCASHC</b>	-9.50E-07	-0.25	2.06E-06	0.94	5.06E-06	0.65	1.65E-06	1.71	2.16E-06	0.59
<b>NFLD</b>	1.82E-02	0.83	4.96E-02	3.54	0.13215	3.21	5.00E-03	1.29	4.74E-02	2.86
<b>PEI</b>	-2.51E-02	-1.24	4.67E-02	3.74	-1.70E-02	-0.37	6.53E-03	1.75	-7.97E-03	-0.54
<b>NS</b>	9.22E-03	0.54	1.64E-02	1.43	-4.60E-02	-1.02	7.15E-03	2.32	3.01E-03	0.23
<b>NB</b>	4.29E-03	0.35	2.34E-02	1.46	-3.34E-02	-0.81	2.36E-03	0.75	-3.69E-02	-1.28
<b>QUE</b>	3.02E-02	3.10	3.04E-02	2.62	3.68E-03	0.11	4.26E-03	1.48	4.92E-02	4.35
<b>MAN</b>	4.16E-02	3.86	3.51E-02	2.83	8.51E-02	2.56	1.59E-03	0.60	4.66E-02	4.40
<b>SASK</b>	4.49E-02	3.08	4.39E-02	3.28	-6.99E-02	-1.31	4.18E-03	1.11	0.12766	9.52
<b>ALTA</b>	3.77E-02	3.11	3.71E-02	3.25	5.12E-02	1.09	-5.51E-03	-1.76	0.11442	7.47
<b>BC</b>	2.12E-02	2.19	4.39E-03	0.30	9.60E-02	2.94	4.69E-03	1.78	5.73E-02	3.33
<b>PROP65</b>	-1.6308	-1.63	-1.0393	-1.54	-5.6734	-1.65	0.50161	2.94	1.6844	1.73
<b>PROP65SQ</b>	7.9395	1.75	5.9904	1.87	26.949	1.61	-2.4131	-2.83	-4.9544	-1.07
<b>CHST</b>	-4.54E-03	-1.25	9.45E-03	4.81	3.53E-03	0.63	-1.24E-03	-1.51	-1.01E-02	-2.04
<b>CANHACT</b>	3.92E-03	1.08	-9.65E-04	-0.49	-1.46E-03	-0.26	2.12E-03	2.59	4.75E-05	0.97
<b>YEAR</b>	-1.21E-03	-1.77	-1.61E-03	-2.91	7.30E-04	0.47	1.64E-04	1.14	-1.39E-03	-1.91
<b>LIB</b>	3.48E-03	1.14	3.50E-03	1.99	1.80E-04	0.03	-1.89E-03	-3.25	-5.53E-03	-2.14
<b>NDP</b>	1.03E-03	0.35	-8.10E-04	-0.25	-1.42E-03	-0.21	-1.53E-03	-1.36	-9.67E-03	-2.77
<b>SC</b>	-2.78E-03	-0.44	-1.03E-02	-1.56	1.40E-02	1.07	1.16E-03	0.67	-3.13E-03	-0.20
<b>PQ</b>	1.21E-02	2.44	8.79E-03	2.51	2.67E-02	2.06	-2.32E-03	-1.47	2.93E-03	0.40
<b>DTHRATE(-1)</b>	-1.9484	-1.07	-0.64427	-0.83	2.8248	1.10	-0.21336	-0.77	-0.36377	-0.25
<b>IMMRATE</b>	-0.557	-0.93	0.24629	0.57	-2.4039	-2.53	0.45169	2.36	1.4456	2.20
<b>CONSTANT</b>	3.1943	2.39	4.1206	3.85	-0.63839	-0.21	0.63998	2.27	2.6924	1.88
BUSE R-SQ	0.4693		0.4345		0.3132		0.5219		0.7689	
F-STATISTIC	10.132		8.805		5.225		12.51		38.13	

**TABLE 1 (CONTINUED)**

Variables	<b>DRUGS</b>		<b>CAPITAL</b>		<b>ADMINISTRATION</b>		<b>ALL OTHER HEALTH</b>		
	Coeff	T-Ratio	Coeff	T-Ratio	Coeff	T-Ratio	Coeff	T-Ratio	
<b>RPRICE</b>		0.3869	10.10	-0.39103	-1.611	0.11336	2.10	0.23071	3.73
<b>RGDPC</b>	-4.57E-06		-2.39	-1.65E-05	-1.383	-1.45E-06	-0.38	-8.55E-06	-2.06
<b>RGDPSQ</b>	4.20E-11		1.58	2.81E-10	1.769	-1.68E-11	-0.29	9.43E-11	1.46
<b>RNFCASHC</b>	-2.09E-07		-0.05	-4.86E-05	-1.373	4.92E-05	4.31	-1.97E-06	-0.22
<b>NFLD</b>	-7.68E-02		-3.34	0.25727	2.142	-6.53E-02	-1.19	-9.71E-03	-0.29
<b>PEI</b>	-0.1523		-5.11	5.33E-02	0.3407	0.12574	2.56	4.38E-02	1.04
<b>NS</b>	-1.81E-02		-0.88	8.48E-02	0.6293	-1.64E-02	-0.37	-6.80E-02	-2.24
<b>NB</b>	-7.01E-02		-3.88	0.16108	1.462	7.17E-03	0.19	-5.56E-02	-0.59
<b>QUE</b>	2.38E-02		0.95	0.14453	1.899	0.13288	3.72	-3.09E-02	-1.20
<b>MAN</b>	-6.32E-03		-0.27	-8.63E-02	-0.7668	0.1231	3.16	2.34E-02	0.99
<b>SASK</b>	0.11778		4.28	-4.96E-02	-0.4341	0.29609	6.73	-3.19E-02	-0.99
<b>ALTA</b>	2.51E-02		1.18	0.14188	1.581	-3.40E-02	-0.89	-6.20E-02	-1.51
<b>BC</b>	4.99E-02		3.71	-1.71E-02	-0.1998	0.10017	2.57	5.46E-02	2.15
<b>PROP65</b>	16.521		10.36	-8.1243	-1.277	3.2371	1.39	-7.3613	-3.78
<b>PROP65SQ</b>	-74.8		-10.42	66.101	2.158	-38.102	-3.62	29.079	3.13
<b>CHST</b>	-2.67E-02		-3.90	-6.82E-02	-2.498	2.51E-02	1.40	-6.95E-03	-0.57
<b>CANHACT</b>	3.12E-03		0.49	3.05E-02	1.128	-1.56E-02	-0.91	1.03E-02	0.86
<b>YEAR</b>	8.51E-03		7.34	-5.50E-03	-1.269	4.74E-04	0.24	5.46E-03	3.60
<b>LIB</b>	9.96E-03		3.06	8.53E-03	0.3239	-2.17E-02	-2.35	-9.93E-03	-1.41
<b>NDP</b>	9.78E-03		1.90	-1.94E-02	-0.5605	8.14E-03	0.80	8.98E-03	1.43
<b>SC</b>	8.18E-03		0.77	-0.1466	-1.848	2.12E-03	0.06	3.93E-02	2.45
<b>PQ</b>	2.02E-03		0.16	3.54E-02	0.6486	-2.15E-02	-1.12	1.37E-02	0.72
<b>DTHRATE(-1)</b>	-2.5633		-1.72	-37.671	-2.963	5.1257	0.76	-1.96	-0.57
<b>IMMRATE</b>	-1.3019		-1.56	-7.7549	-1.619	-1.4181	-0.61	-2.0315	-1.31
<b>CONSTANT</b>	-17.815		-7.89	12.736	1.502	-0.38327	-0.10	-9.6717	-3.23
BUSE R-SQ	0.8116			0.3009		0.693		0.3979	
F-STATISTIC	49.363			4.932		25.862		7.564	

**TABLE 2: REGRESSION RESULTS (WITH INCOME DISTRIBUTION VARIABLE)ESTIMATION TECHNIQUE: POOLED TIME SERIES CROSS-SECTION**

Variables	TOTAL HEALTH		HOSPITALS		OTHER INSTITUTIONS		PHYSICIANS		OTHER PROFESSIONALS	
	Coeff	T-Ratio	Coeff	T-Ratio	Coeff	T-Ratio	Coeff	T-Ratio	Coeff	T-Ratio
<b>RPRICE</b>	2.79E-02	1.235	1.03E-02	0.4796	0.1381	2.607	5.86E-03	0.8899	7.72E-02	2.45
<b>RGDPC</b>	2.99E-06	2.195	1.38E-06	1.282	-4.05E-06	-1.382	-4.55E-07	-1.24	-4.09E-07	-0.2562
<b>RGDPSQ</b>	-4.35E-11	-2.157	-1.66E-11	-1.166	5.38E-11	1.265	4.39E-12	0.8328	-2.06E-11	-0.8353
<b>RNFCASHC</b>	-4.02E-06	-1.159	4.76E-06	2.024	5.37E-06	0.8639	7.93E-07	0.877	4.95E-06	1.412
<b>NFLD</b>	6.43E-02	4.005	6.67E-02	4.782	0.12928	4.937	8.25E-03	2.336	5.10E-02	3.6
<b>PEI</b>	1.15E-02	0.9164	5.04E-02	4.138	-0.10483	-3.872	9.45E-03	2.599	3.60E-02	2.534
<b>NS</b>	3.73E-02	3.061	2.00E-02	1.77	-6.51E-02	-1.432	8.87E-03	3.003	4.66E-02	3.522
<b>NB</b>	3.20E-02	3.702	2.35E-02	1.385	-6.20E-02	-2.663	5.50E-03	1.774	-1.88E-02	-1.132
<b>QUE</b>	4.08E-02	5.822	3.58E-02	3.315	-5.33E-02	-1.283	4.96E-03	2.216	7.84E-02	9.829
<b>MAN</b>	6.75E-02	8.135	3.50E-02	2.769	4.91E-02	1.288	3.89E-03	1.473	7.86E-02	7.482
<b>SASK</b>	8.75E-02	8.17	3.46E-02	2.492	-2.87E-02	-1.232	8.44E-03	1.955	0.16316	12.42
<b>ALTA</b>	3.70E-02	3.194	5.40E-02	4.557	0.10187	2.873	-4.08E-03	-1.481	8.28E-02	6.657
<b>BC</b>	5.05E-02	8.284	6.09E-03	0.3951	0.14932	12.26	5.03E-03	2.139	7.73E-02	6.206
<b>PROP65</b>	0.73889	0.7765	0.25589	0.3266	-1.5726	-0.7083	1.4559	8.417	-1.5497	-1.681
<b>PROP65SQ</b>	-6.3113	-1.41	3.0262	0.8099	18.806	1.984	-6.9388	-8.323	4.5992	0.9922
<b>Q MID</b>	9.14E-04	1.191	-3.51E-04	-0.5739	1.54E-03	0.9327	4.78E-05	0.2136	1.20E-03	1.224
<b>CHST</b>	-5.39E-03	-1.239	8.46E-03	4.361	1.71E-03	0.2849	-1.63E-03	-2.399	-8.13E-03	-2.65
<b>CANHACT</b>	9.70E-03	2.311	-1.87E-03	-0.9805	2.17E-03	0.3774	1.84E-03	2.725	-6.31E-03	-2.131
<b>YEAR</b>	-6.53E-04	-1.004	-2.28E-03	-3.86	-1.61E-03	-1.377	2.14E-04	1.665	-1.75E-03	-3.237
<b>LIB</b>	6.14E-03	2.906	1.37E-03	0.6474	-1.36E-03	-0.2759	-2.75E-03	-5.043	-6.51E-03	-2.48
<b>NDP</b>	3.48E-03	1.397	2.64E-04	9.17E-02	-2.11E-02	-3.61	-2.11E-03	-2.005	-9.13E-03	-2.793
<b>SC</b>	-1.67E-02	-3.132	-1.58E-02	-1.86	-6.01E-02	-5.129	-8.41E-04	-0.492	-3.11E-03	-0.2456
<b>PQ</b>	1.80E-02	3.807	1.27E-02	3.056	1.71E-02	1.427	-3.11E-03	-2.557	-1.36E-02	-2.903
<b>DTHRATE(-1)</b>	3.54	1.355	-2.7349	-1.828	5.3681	1.049	0.74794	1.055	-4.8588	-1.871
<b>IMMRATE</b>	-0.39587	-0.6937	-1.78E-02	-3.80E-02	-0.83005	-0.7928	0.53742	2.822	2.1501	3.522
<b>CONSTANT</b>	1.8462	1.441	5.3567	4.643	3.6408	1.574	0.47694	1.881	3.6045	3.337
<b>BUSE R-SQ</b>	0.8293		0.5384		0.7598		0.7442		0.9099	
<b>F-STATISTICS</b>	46.5		11.198		30.365		27.925		96.583	

**TABLE 2 (Continued)**

Variables	<b>DRUGS</b>		<b>CAPITAL</b>		<b>ADMINISTRATION</b>		<b>ALL OTHER HEALTH</b>	
	Coeff	T-Ratio	Coeff	T-Ratio	Coeff	T-Ratio	Coeff	T-Ratio
<b>RPRICE</b>	0.41377	9.981	-9.15E-02	-0.414	0.11804	2.074	1.73E-02	0.3112
<b>RGDPC</b>	1.52E-06	0.8059	2.04E-06	0.2002	7.92E-07	0.2072	5.05E-06	1.703
<b>RGDPSQ</b>	-2.65E-11	-1.037	3.01E-12	2.14E-02	-4.53E-11	-0.8698	-9.74E-11	-2.516
<b>RNFCASHC</b>	4.79E-06	0.9886	-7.08E-05	-2.333	3.98E-05	3.906	1.07E-06	0.1712
<b>NFLD</b>	-4.80E-02	-2.319	0.43939	4.319	1.28E-02	0.2671	5.60E-02	1.793
<b>PEI</b>	-8.32E-02	-3.238	0.22778	1.981	9.38E-02	2.218	6.22E-02	1.826
<b>NS</b>	4.19E-02	2.044	0.27472	2.46	-4.89E-02	-1.248	-4.60E-02	-1.977
<b>NB</b>	-2.98E-02	-1.896	0.29136	3.414	1.20E-02	0.3816	-5.23E-02	-1.571
<b>QUE</b>	3.09E-02	1.368	0.19377	2.898	0.14662	4.612	2.32E-02	1.397
<b>MAN</b>	5.76E-02	2.033	6.46E-02	0.5817	0.10191	3.182	2.47E-02	1.35
<b>SASK</b>	0.20944	9.186	9.30E-02	0.9281	0.27032	7.72	1.27E-02	0.5671
<b>ALTA</b>	-4.13E-03	-0.1669	0.17544	1.922	6.48E-02	1.932	4.77E-02	2.15
<b>BC</b>	8.07E-02	6.872	-3.67E-03	-5.99E-02	0.16087	6.041	5.14E-02	2.826
<b>PROP65</b>	25.241	16.22	-0.80379	-0.1224	2.0944	0.978	-1.3986	-0.778
<b>PROP65SQ</b>	-122.12	-18.04	41	1.289	-26.611	-2.883	7.5754	0.8995
<b>Q MID</b>	-5.58E-04	-0.5111	4.82E-03	0.6765	8.16E-03	2.527	-3.40E-03	-1.927
<b>CHST</b>	-2.30E-02	-3.848	-5.69E-02	-2.484	2.58E-02	1.571	6.48E-03	0.7196
<b>CANHACT</b>	6.06E-03	1.109	3.07E-02	1.471	1.06E-02	0.7965	1.30E-02	1.516
<b>YEAR</b>	1.06E-02	9.816	-5.29E-03	-1.175	-3.88E-03	-2.011	-3.11E-04	-0.2682
<b>LIB</b>	3.00E-03	0.941	2.94E-02	1.349	-1.67E-02	-1.764	1.20E-02	2.416
<b>NDP</b>	-6.47E-04	-0.1374	3.00E-02	1.053	9.43E-03	1.158	9.94E-03	1.871
<b>SC</b>	1.34E-02	1.141	3.97E-03	7.63E-02	-1.82E-02	-0.7197	1.74E-02	1.11
<b>PQ</b>	1.93E-02	1.183	4.78E-02	1.057	-5.68E-03	-0.2564	4.77E-03	0.5923
<b>DTHRATE(-1)</b>	1.6768	0.4818	-103.18	-4.508	26.158	2.886	-1.1687	-0.281
<b>IMMRATE</b>	2.5721	3.13	-2.6582	-0.6581	-3.9196	-1.893	-0.81031	-0.6697
<b>CONSTANT</b>	-22.55	-10.7	11.317	1.277	7.5957	1.986	1.5708	0.6787
BUSE R-SQ	0.9074		0.3476		0.8664		0.3736	
F-STATISTICS	94.078		5.751		62.235		5.726	