

ANNEX I

Provincial Projections of Demand for Clinical Anesthesia Services in the Year 2016

The Projections

The concept of “units of demand” was described in the main body of the text. The contents of this annex should be read in conjunction with the chapter entitled, “Putting Theory into Practice.”

This annex contains a statistical table for each of the provinces. The data for each province stretches over 2 printed pages. The pages are divided up so that the columns of data reporting population projections are given on the first of the 2 pages. The projections of demand for clinical anesthesia services based on the population projections are given on the second of the two pages. The way in which the projections were made is described below:

- **Age Groups:** Eighteen (18) age groupings are used so that projections of demand for clinical anesthesia services are made separately for males and for females in each of the age groups
- **Population:** All data related to population come from Statistics Canada. The projections were made early in the year 2000. The assumptions related to birth rates, immigration, emigration, internal migration, death rates, etc., used in making the projections were those fed into the projections by Statistics Canada. Even though the resulting population growth rates seem low when judged by recent experience, they have not been altered in making the demand projections.

The population projections for the year 2016 are given according to a low, medium and 2 high growth scenarios. The adjectives low, medium, high refer to the national population numbers. Under some of the assumptions relating to immigration and internal migration, some provinces have lower projected populations under the medium or high projections than they have under the low or medium projections. These are not errors in the numbers.

- **Units of Demand per Capita:** The figures in the column entitled “units of demand per capita” come from Table 1 in the main body of the text. Their derivation is explained in detail there. They reflect the average consumption of clinical anesthesia services by persons in each age/sex demographic category.
- **Projected Demand for Clinical Anesthesia Services in 2016:** The projected demand is obtained by multiplying the number of persons in a given age/sex category by the average units of demand consumed by persons in that age/sex category. Thus, if we turn to the statistical table for Alberta, we see that the reported population of 80-84 year old males is 14443 in 1999 and 25826 in

2016 according to the medium level population projection. The per capita units of demand for 80-84 year old males is 35.67. By multiplying 14443 by 35.67 and 25826 by 35.67 we obtain the total units of demand for this group as 515182 in 1999 and 921213 for the medium population projection in 2016. The sum of the units of demand over all age/sex groups provides the total units of anesthesia services demanded or required in the year.

- **Projected Demand by Province – Interpretation:** The demand is projected on the basis of the population of each province. This does not mean that all the demand for anesthesia services have to be provided in that province. The demand is *for* the population of each province, but the demand can be met by anesthetist in other provinces. Take the case of New Brunswick, Prince Edward Island and Nova Scotia. The faculty of medicine of Dalhousie University provides a substantial portion of tertiary care for all 3 provinces, so it is quite logical that anesthetist who provide much of the anesthesia service to residents of P.E.I. and N.B. are based in Nova Scotia. When reading the numbers on demand by province, it is extremely important to remember this. The figures for the Territories present a similar situation. A substantial portion of the actual services consumed by residents of the Territories are delivered in British Columbia or Alberta or by anesthetist based in British Columbia or Alberta.

The age/sex ratios are calculated based on the ratios observed for the 90% of anesthesia services delivered under fee-for-service billing. It is presumed that the remaining 10% of service remunerated under non-fee-for-service would exhibit the same differential age/sex utilization pattern as services remunerated through fee-for-service.

**POPULATION OF NEWFOUNDLAND IN YEAR 2016 AND PROJECTED
DEMAND FOR ANESTHESIA SERVICES (1)**

AGE	POPULATION 1999	PROJECTED POPULATION IN 2016			
		Low	Medium	High 1	High 2
<u>Male Population</u>					
0 – 4 years	13922	7809	9397	12029	9697
5 – 9 years	17073	9246	10833	13149	11034
10 – 14 years	19212	10884	12265	14033	12373
15 – 19 years	20864	12188	13229	14385	12823
20 – 24 years	20295	12193	13560	15005	12490
25 – 29 years	19148	12470	14147	15953	12778
30 – 34 years	20102	13399	15211	17168	13775
35 – 39 years	22378	14469	16220	18087	14941
40 – 44 years	22517	15699	17180	18741	16188
45 – 49 years	21724	17002	18192	19432	17431
50 – 54 years	19194	19539	20547	21585	19917
55 – 59 years	13688	20036	20807	21593	20382
60 – 64 years	10886	18498	19174	19863	18843
65 – 69 years	9416	15710	16378	17065	16079
70 – 74 years	7490	10577	11091	11626	10925
75 – 79 years	5632	6506	6851	7214	6828
80 – 84 years	3187	4046	4282	4539	4347
85 + years	1968	2872	3099	3351	3252
Total, male	268696	223143	242463	264818	234103
<u>Female Population</u>					
0 – 4 years	13071	7372	8844	11300	9134
5 – 9 years	15851	8781	10223	12375	10452
10 – 14 years	18624	10474	11726	13390	11876
15 – 19 years	20135	11536	12492	13622	12111
20 – 24 years	19035	10904	12230	13725	11164
25 – 29 years	18558	11263	12962	14919	11583
30 – 34 years	20852	12271	14142	16311	12702
35 – 39 years	22917	13552	15385	17480	14061
40 – 44 years	23339	15026	16585	18344	15506
45 – 49 years	22058	17200	18505	19968	17574
50 – 54 years	18932	20452	21564	22801	20724
55 – 59 years	13545	21180	21995	22892	21385
60 – 64 years	10975	20338	20963	21646	20526
65 – 69 years	9794	17762	18290	18867	17963
70 – 74 years	8602	12682	13084	13527	12882
75 – 79 years	7154	8434	8728	9053	8631
80 – 84 years	5004	5801	6027	6273	6005
85 + years	4256	6181	6505	6861	6606
Total, female	272702	231209	250250	273354	240885
TOTAL	541398	454352	492713	538172	474988

**POPULATION OF NEWFOUNDLAND IN YEAR 2016 AND PROJECTED
DEMAND FOR ANESTHESIA SERVICES (2)**

AGE	UNITS OF DEMAND PER CAPITA	1999	PROJECTED UNITS OF DEMAND IN 2016			
			LOW	MEDIUM	HIGH 1	HIGH 2
			Male		Population	
0 – 4 years	8.06	112211	62941	75740	96954	78158
5 – 9 years	5.01	85536	46322	54273	65876	55280
10 – 14 years	3.56	68395	38747	43663	49957	44048
15 – 19 years	5.27	109953	64231	69717	75809	67577
20 – 24 years	5.95	120755	72548	80682	89280	74316
25 – 29 years	5.71	109335	71204	80779	91092	72962
30 – 34 years	6.31	126844	84548	95981	108330	86920
35 – 39 years	6.97	155975	100849	113053	126066	104139
40 – 44 years	8.08	181937	126848	138814	151427	130799
45 – 49 years	10.11	219630	171890	183921	196458	176227
50 – 54 years	13.79	264685	269443	283343	297657	274655
55 – 59 years	19.40	265547	388698	403656	418904	395411
60 – 64 years	26.12	284342	483168	500825	518822	492179
65 – 69 years	33.02	310916	518744	540802	563486	530929
70 – 74 years	40.22	301248	425407	446080	467598	439404
75 – 79 years	42.52	239473	276635	291305	306739	290327
80 – 84 years	35.67	113680	144321	152739	161906	155057
85 + years	29.53	58115	84810	91513	98955	96032
Total, male		3128578	3431354	3646887	3885317	3564420
			Female		Population	
0 – 4 years	5.30	69276	39072	46873	59890	48410
5 – 9 years	3.63	57539	31875	37109	44921	37941
10 – 14 years	2.90	54010	30375	34005	38831	34440
15 – 19 years	7.54	151818	86981	94190	102710	91317
20 – 24 years	15.64	297707	170539	191277	214659	174605
25 – 29 years	24.30	450959	273691	314977	362532	281467
30 – 34 years	20.89	435598	256341	295426	340737	265345
35 – 39 years	13.80	316255	187018	212313	241224	194042
40 – 44 years	10.98	256262	164985	182103	201417	170256
45 – 49 years	11.28	248814	194016	208736	225239	198235
50 – 54 years	12.61	238733	257900	271922	287521	261330
55 – 59 years	14.44	195590	305839	317608	330560	308799
60 – 64 years	17.06	187234	346966	357629	369281	350174
65 – 69 years	21.45	210081	380995	392321	404697	385306
70 – 74 years	25.55	219781	324025	334296	345615	329135
75 – 79 years	27.82	199024	234634	242813	251854	240114
80 – 84 years	25.29	126551	146707	152423	158644	151866
85 + years	21.52	91589	133015	139988	147649	142161
Total, female		3806822	3564974	3826009	4127981	3664943
TOTAL		6935400	6996328	7472896	8013298	7229363

**POPULATION OF PRINCE EDWARD ISLAND IN YEAR 2016 AND
PROJECTED DEMAND FOR ANESTHESIA SERVICES (1)**

AGE	POPULATION 1999	PROJECTED POPULATION IN 2016			
		Low	Medium	High 1	High 2
<u>Male Population</u>					
0 – 4 years	4312	3151	3711	4482	3945
5 – 9 years	5019	3407	3854	4476	4060
10 – 14 years	5167	3677	3986	4421	4157
15 – 19 years	4992	3935	4126	4344	4127
20 – 24 years	4904	4160	4445	4723	4256
25 – 29 years	4749	4152	4494	4838	4251
30 – 34 years	4799	4163	4503	4846	4278
35 – 39 years	5432	4257	4578	4900	4398
40 – 44 years	5328	4356	4614	4867	4500
45 – 49 years	4946	4491	4671	4847	4614
50 – 54 years	4530	5136	5293	5446	5241
55 – 59 years	3283	5048	5161	5271	5140
60 – 64 years	2824	4640	4732	4820	4730
65 – 69 years	2522	4133	4230	4320	4234
70 – 74 years	2001	2725	2801	2877	2821
75 – 79 years	1495	1808	1876	1946	1903
80 – 84 years	867	1130	1187	1247	1222
85 + years	700	770	831	894	883
Total, male	67870	65139	69093	73565	68760
<u>Female Population</u>					
0 – 4 years	3960	2913	3447	4184	3647
5 – 9 years	4721	3105	3541	4148	3698
10 – 14 years	4941	3391	3701	4134	3829
15 – 19 years	5034	3626	3834	4076	3797
20 – 24 years	4712	3858	4165	4473	3946
25 – 29 years	4521	4058	4452	4859	4165
30 – 34 years	4850	4129	4539	4970	4265
35 – 39 years	5707	4224	4614	5017	4377
40 – 44 years	5265	4276	4576	4882	4417
45 – 49 years	4891	4570	4804	5041	4677
50 – 54 years	4587	5335	5537	5743	5408
55 – 59 years	3375	5305	5447	5589	5356
60 – 64 years	2920	4791	4887	4980	4834
65 – 69 years	2635	4671	4757	4843	4721
70 – 74 years	2343	3220	3276	3332	3268
75 – 79 years	2181	2410	2458	2509	2467
80 – 84 years	1652	1784	1831	1881	1851
85 + years	1662	1791	1873	1957	1936
Total, female	69957	67457	71739	76618	70659
TOTAL	137827	132596	140832	150183	139419

**POPULATION OF PRINCE EDWARD ISLAND IN YEAR 2016 AND
PROJECTED DEMAND FOR ANESTHESIA SERVICES (2)**

AGE	UNITS OF DEMAND PER CAPITA	1999	PROJECTED UNITS OF DEMAND IN 2016			
			LOW	MEDIUM	HIGH 1	HIGH 2
			Male Population			
0 – 4 years	8.06	34755	25397	29911	36125	31797
5 – 9 years	5.01	25145	17069	19309	22425	20341
10 – 14 years	3.56	18395	13090	14190	15739	14799
15 – 19 years	5.27	26308	20737	21744	22893	21749
20 – 24 years	5.95	29179	24752	26448	28102	25323
25 – 29 years	5.71	27117	23708	25661	27625	24273
30 – 34 years	6.31	30282	26269	28414	30578	26994
35 – 39 years	6.97	37861	29671	31909	34153	30654
40 – 44 years	8.08	43050	35196	37281	39325	36360
45 – 49 years	10.11	50004	45404	47224	49003	46648
50 – 54 years	13.79	62469	70825	72990	75100	72273
55 – 59 years	19.40	63690	97931	100123	102257	99716
60 – 64 years	26.12	73763	121197	123600	125898	123548
65 – 69 years	33.02	83276	136472	139675	142646	139807
70 – 74 years	40.22	80480	109600	112656	115713	113461
75 – 79 years	42.52	63567	76876	79768	82744	80916
80 – 84 years	35.67	30926	40307	42340	44480	43589
85 + years	29.53	20671	22738	24539	26400	26075
Total, male		800938	937240	977781	1021208	978321
			Female Population			
0 – 4 years	5.30	20988	15439	18269	22175	19329
5 – 9 years	3.63	17137	11271	12854	15057	13424
10 – 14 years	2.90	14329	9834	10733	11989	11104
15 – 19 years	7.54	37956	27340	28908	30733	28629
20 – 24 years	15.64	73696	60339	65141	69958	61715
25 – 29 years	24.30	109860	98609	108184	118074	101210
30 – 34 years	20.89	101317	86255	94820	103823	89096
35 – 39 years	13.80	78757	58291	63673	69235	60403
40 – 44 years	10.98	57810	46950	50244	53604	48499
45 – 49 years	11.28	55170	51550	54189	56862	52757
50 – 54 years	12.61	57842	67274	69822	72419	68195
55 – 59 years	14.44	48735	76604	78655	80705	77341
60 – 64 years	17.06	49815	81734	83372	84959	82468
65 – 69 years	21.45	56521	100193	102038	103882	101265
70 – 74 years	25.55	59864	82271	83702	85133	83497
75 – 79 years	27.82	60675	67046	68382	69800	68632
80 – 84 years	25.29	41779	45117	46306	47570	46812
85 + years	21.52	35766	38542	40307	42115	41663
Total, female		978017	1024661	1079597	1138094	1056038
TOTAL		1778955	1961901	2057378	2159302	2034359

**POPULATION OF NOVA SCOTIA IN YEAR 2016 AND PROJECTED
DEMAND FOR ANESTHESIA SERVICES (1)**

AGE	POPULATION 1999	PROJECTED POPULATION IN 2016			
		Low	Medium	High 1	High 2
Male Population					
0 – 4 years	26548	18439	21147	25092	23509
5 – 9 years	31556	19973	22287	25613	24237
10 – 14 years	31999	21745	23585	26177	25098
15 – 19 years	32400	25000	26189	27605	26808
20 – 24 years	31733	29251	30334	31461	30395
25 – 29 years	31740	29727	30991	32285	30762
30 – 34 years	34202	29003	30436	31887	30176
35 – 39 years	40742	28900	30433	31991	30361
40 – 44 years	38629	29477	30856	32274	31027
45 – 49 years	34778	31467	32631	33834	32882
50 – 54 years	31832	37363	38376	39422	38573
55 – 59 years	23640	37124	37866	38637	38114
60 – 64 years	19747	32985	33513	34063	33814
65 – 69 years	16837	29279	29751	30244	30083
70 – 74 years	13484	20110	20520	20949	20843
75 – 79 years	10570	12999	13370	13762	13685
80 – 84 years	6506	8064	8397	8749	8699
85 + years	4235	5717	6117	6548	6515
Total, male	461178	446623	466799	490593	475581
Female Population					
0 – 4 years	24775	17002	19564	23290	21680
5 – 9 years	29595	17739	19961	23136	21528
10 – 14 years	30868	19143	20976	23530	22086
15 – 19 years	31265	22419	23670	25165	24001
20 – 24 years	31091	27266	28458	29729	28296
25 – 29 years	31686	27891	29445	31075	28931
30 – 34 years	34527	26776	28623	30552	28035
35 – 39 years	41231	26607	28557	30610	28100
40 – 44 years	39553	27798	29553	31414	29277
45 – 49 years	35392	30413	31831	33337	31639
50 – 54 years	31966	37407	38563	39791	38304
55 – 59 years	24282	38597	39371	40196	39212
60 – 64 years	20222	35238	35728	36251	35702
65 – 69 years	18585	31584	31979	32400	32005
70 – 74 years	17165	22852	23179	23523	23235
75 – 79 years	15617	16419	16699	16997	16791
80 – 84 years	11157	11986	12235	12502	12370
85 + years	10636	15324	15830	16374	16263
Total, female	479613	452461	474222	499872	477455
TOTAL	940791	899084	941021	990465	953036

**POPULATION OF NOVA SCOTIA IN YEAR 2016 AND PROJECTED
DEMAND FOR ANESTHESIA SERVICES (2)**

AGE	UNITS OF DEMAND PER CAPITA	1999	PROJECTED UNITS OF DEMAND IN 2016			
			LOW	MEDIUM	HIGH 1	HIGH 2
			Male Population			
0 – 4 years	8.06	213977	148618	170445	202242	189483
5 – 9 years	5.01	158096	100065	111658	128321	121427
10 – 14 years	3.56	113916	77412	83963	93190	89349
15 – 19 years	5.27	170748	131750	138016	145478	141278
20 – 24 years	5.95	188811	174043	180487	187193	180850
25 – 29 years	5.71	181235	169741	176959	184347	175651
30 – 34 years	6.31	215815	183009	192051	201207	190411
35 – 39 years	6.97	283972	201433	212118	222977	211616
40 – 44 years	8.08	312122	238174	249316	260774	250698
45 – 49 years	10.11	351606	318131	329899	342062	332437
50 – 54 years	13.79	438963	515236	529205	543629	531922
55 – 59 years	19.40	458616	720206	734600	749558	739412
60 – 64 years	26.12	515792	861568	875360	889726	883222
65 – 69 years	33.02	555958	966793	982378	998657	993341
70 – 74 years	40.22	542326	808824	825314	842569	838305
75 – 79 years	42.52	449436	552717	568492	585160	581886
80 – 84 years	35.67	232069	287643	299521	312077	310293
85 + years	29.53	125060	168823	180635	193362	192388
Total, male		5508518	6624187	6840418	7082529	6953969
			Female Population			
0 – 4 years	5.30	131308	90111	103689	123437	114904
5 – 9 years	3.63	107430	64393	72458	83984	78147
10 – 14 years	2.90	89517	55515	60830	68237	64049
15 – 19 years	7.54	235738	169039	178472	189744	180968
20 – 24 years	15.64	486263	426440	445083	464962	442549
25 – 29 years	24.30	769970	677751	715514	755123	703023
30 – 34 years	20.89	721269	559351	597934	638231	585651
35 – 39 years	13.80	568988	367177	394087	422418	387780
40 – 44 years	10.98	434292	305222	324492	344926	321461
45 – 49 years	11.28	399222	343059	359054	376041	356888
50 – 54 years	12.61	403091	471702	486279	501765	483013
55 – 59 years	14.44	350632	557341	568517	580430	566221
60 – 64 years	17.06	344987	601160	609520	618442	609076
65 – 69 years	21.45	398648	677477	685950	694980	686507
70 – 74 years	25.55	438566	583869	592223	601013	593654
75 – 79 years	27.82	434465	456777	464566	472857	467126
80 – 84 years	25.29	282161	303126	309423	316176	312837
85 + years	21.52	228887	329772	340662	352368	349980
Total, female		6825433	7039280	7308753	7605132	7303836
TOTAL		12333951	13663467	14149171	14687661	14257805

**POPULATION OF NEW BRUNSWICK IN YEAR 2016 AND PROJECTED
DEMAND FOR ANESTHESIA SERVICES (1)**

AGE	POPULATION 1999	PROJECTED POPULATION IN 2016			
		Low	Medium	High 1	High 2
<u>Male Population</u>					
0 – 4 years	20725	13671	15193	17555	16998
5 – 9 years	24490	14891	16105	18055	17648
10 – 14 years	25551	16462	17298	18741	18512
15 – 19 years	26751	18904	19270	19810	19743
20 – 24 years	27035	21948	22264	22552	22379
25 – 29 years	27150	22439	22813	23142	22880
30 – 34 years	28587	22575	23005	23380	23070
35 – 39 years	32104	23261	23765	24221	23861
40 – 44 years	31616	24344	24779	25183	24958
45 – 49 years	28781	25800	26131	26442	26336
50 – 54 years	25719	29849	30151	30440	30337
55 – 59 years	19188	29481	29747	30008	29939
60 – 64 years	15185	26775	27036	27299	27243
65 – 69 years	13400	23326	23616	23910	23849
70 – 74 years	10910	15693	15973	16260	16189
75 – 79 years	8531	10162	10421	10693	10634
80 – 84 years	5166	6271	6503	6750	6710
85 + years	3390	4926	5230	5565	5537
Total, male	374279	350778	359300	370006	366823
<u>Female Population</u>					
0 – 4 years	19677	12919	14383	16644	16054
5 – 9 years	23124	13991	15216	17142	16564
10 – 14 years	24091	15388	16299	17785	17282
15 – 19 years	25327	17289	17806	18490	18028
20 – 24 years	25563	19670	20209	20722	20039
25 – 29 years	26132	20503	21151	21748	20947
30 – 34 years	27678	21180	21961	22674	21741
35 – 39 years	32086	22015	22853	23635	22652
40 – 44 years	31593	23410	24141	24831	23997
45 – 49 years	29132	24778	25338	25870	25228
50 – 54 years	25400	29540	30025	30494	29869
55 – 59 years	18941	29954	30333	30702	30206
60 – 64 years	15676	27965	28279	28583	28199
65 – 69 years	14639	24810	25101	25389	25064
70 – 74 years	13689	17529	17776	18022	17781
75 – 79 years	11948	12726	12940	13160	12989
80 – 84 years	8377	9525	9726	9933	9818
85 + years	8162	12025	12440	12880	12774
Total, female	381235	355217	365977	378704	369232
TOTAL	755514	705995	725277	748710	736055

**POPULATION OF NEW BRUNSWICK IN YEAR 2016 AND PROJECTED
DEMAND FOR ANESTHESIA SERVICES (2)**

AGE	UNITS OF DEMAND PER CAPITA	1999	PROJECTED UNITS OF DEMAND IN 2016			
			LOW	MEDIUM	HIGH 1	HIGH 2
			Male Population			
0 – 4 years	8.06	167044	110188	122456	141493	137004
5 – 9 years	5.01	122695	74604	80686	90456	88416
10 – 14 years	3.56	90962	58605	61581	66718	65903
15 – 19 years	5.27	140978	99624	101553	104399	104046
20 – 24 years	5.95	160858	130591	132471	134184	133155
25 – 29 years	5.71	155027	128127	130262	132141	130645
30 – 34 years	6.31	180384	142448	145162	147528	145572
35 – 39 years	6.97	223765	162129	165642	168820	166311
40 – 44 years	8.08	255457	196700	200214	203479	201661
45 – 49 years	10.11	290976	260838	264184	267329	266257
50 – 54 years	13.79	354665	411618	415782	419768	418347
55 – 59 years	19.40	372247	571931	577092	582155	580817
60 – 64 years	26.12	396632	699363	706180	713050	711587
65 – 69 years	33.02	442468	770225	779800	789508	787494
70 – 74 years	40.22	438800	631172	642434	653977	651122
75 – 79 years	42.52	362738	432088	443101	454666	452158
80 – 84 years	35.67	184271	223687	231962	240773	239346
85 + years	29.53	100107	145465	154442	164334	163508
Total, male		4440073	5249402	5355004	5474778	5443347
			Female Population			
0 – 4 years	5.30	104288	68471	76230	88213	85086
5 – 9 years	3.63	83940	50787	55234	62225	60127
10 – 14 years	2.90	69864	44625	47267	51577	50118
15 – 19 years	7.54	190966	130359	134257	139415	135931
20 – 24 years	15.64	399805	307639	316069	324092	313410
25 – 29 years	24.30	635008	498223	513969	528476	509012
30 – 34 years	20.89	578193	442450	458765	473660	454169
35 – 39 years	13.80	442787	303807	315371	326163	312598
40 – 44 years	10.98	346891	257042	265068	272644	263487
45 – 49 years	11.28	328609	279496	285813	291814	284572
50 – 54 years	12.61	320294	372499	378615	384529	376648
55 – 59 years	14.44	273508	432536	438009	443337	436175
60 – 64 years	17.06	267433	477083	482440	487626	481075
65 – 69 years	21.45	314007	532175	538416	544594	537623
70 – 74 years	25.55	349754	447866	454177	460462	454305
75 – 79 years	27.82	332393	354037	359991	366111	361354
80 – 84 years	25.29	211854	240887	245971	251206	248297
85 + years	21.52	175646	258778	267709	277178	274896
Total, female		5425240	5498760	5633371	5773322	5638883
TOTAL		9865313	10748162	10988375	11248100	11082230

**POPULATION OF QUEBEC IN YEAR 2016 AND PROJECTED DEMAND
FOR ANESTHESIA SERVICES (1)**

AGE	POPULATION 1999	PROJECTED POPULATION IN 2016			
		Low	Medium	High 1	High 2
<u>Male Population</u>					
0 – 4 years	210178	164829	173771	202547	212318
5 – 9 years	246120	173137	179375	200767	211115
10 – 14 years	228769	182274	186231	201474	210811
15 – 19 years	249568	203343	204949	209855	218340
20 – 24 years	254468	246036	246035	246047	256335
25 – 29 years	242813	247357	246816	246284	259008
30 – 34 years	279159	247917	248031	248118	262809
35 – 39 years	331798	263460	264387	265278	280392
40 – 44 years	323276	249855	251485	253157	265480
45 – 49 years	282915	257774	258927	260158	269878
50 – 54 years	249768	307793	308183	308620	316981
55 – 59 years	195353	308184	308569	308990	315359
60 – 64 years	151225	264866	265436	266029	270968
65 – 69 years	136114	217863	218680	219515	223801
70 – 74 years	107920	157832	159094	160398	163573
75 – 79 years	73627	99437	101009	102647	104546
80 – 84 years	38691	62647	64447	66347	67343
85 + years	24534	47276	49878	52730	53313
Total, male	3626296	3701880	3735303	3818961	3962370
<u>Female Population</u>					
0 – 4 years	202010	157273	166354	194322	203056
5 – 9 years	235736	165573	172544	194097	202551
10 – 14 years	218153	173911	178770	194523	201619
15 – 19 years	236469	193727	196069	201646	207872
20 – 24 years	242668	235287	236256	237295	245603
25 – 29 years	232589	236944	237930	238960	249684
30 – 34 years	267437	237191	238791	240399	252880
35 – 39 years	321786	253182	254965	256803	269692
40 – 44 years	319795	240860	242637	244536	255052
45 – 49 years	284398	248556	249483	250549	259069
50 – 54 years	255530	298139	297912	297812	305517
55 – 59 years	202084	309779	309239	308808	314993
60 – 64 years	162327	275493	275179	274934	279587
65 – 69 years	155494	238449	238328	238262	242146
70 – 74 years	139520	184236	184445	184698	187721
75 – 79 years	112530	128582	129108	129682	131743
80 – 84 years	73753	98178	99052	99986	101346
85 + years	66935	129710	132605	135708	136954
Total, female	3729214	3805070	3839667	3923020	4047085
TOTAL	7355510	7506950	7574970	7741981	8009455

**POPULATION OF QUEBEC IN YEAR 2016 AND PROJECTED DEMAND
FOR ANESTHESIA SERVICES (2)**

AGE	UNITS OF DEMAND PER CAPITA	1999	PROJECTED UNITS OF DEMAND IN 2016			
			LOW	MEDIUM	HIGH 1	HIGH 2
			Male Population			
0 – 4 years	8.06	1694035	1328522	1400594	1632529	1711283
5 – 9 years	5.01	1233061	867416	898669	1005843	1057686
10 – 14 years	3.56	814418	648895	662982	717247	750487
15 – 19 years	5.27	1315223	1071618	1080081	1105936	1150652
20 – 24 years	5.95	1514085	1463914	1463908	1463980	1525193
25 – 29 years	5.71	1386462	1412408	1409319	1406282	1478936
30 – 34 years	6.31	1761493	1564356	1565076	1565625	1658325
35 – 39 years	6.97	2312632	1836316	1842777	1848988	1954332
40 – 44 years	8.08	2612070	2018828	2031999	2045509	2145078
45 – 49 years	10.11	2860271	2606095	2617752	2630197	2728467
50 – 54 years	13.79	3444301	4244465	4249844	4255870	4371168
55 – 59 years	19.40	3789848	5978770	5986239	5994406	6117965
60 – 64 years	26.12	3949997	6918300	6933188	6948677	7077684
65 – 69 years	33.02	4494484	7193836	7220814	7248385	7389909
70 – 74 years	40.22	4340542	6348003	6398761	6451208	6578906
75 – 79 years	42.52	3130620	4228061	4294903	4364550	4445296
80 – 84 years	35.67	1380108	2234618	2298824	2366597	2402125
85 + years	29.53	724489	1396060	1472897	1557117	1574333
Total, Male		42758139	53360484	53828627	54608945	56117825
			Female Population			
0 – 4 years	5.30	1070653	833547	881676	1029907	1076197
5 – 9 years	3.63	855722	601030	626335	704572	735260
10 – 14 years	2.90	632644	504342	518433	564117	584695
15 – 19 years	7.54	1782976	1460702	1478360	1520411	1567355
20 – 24 years	15.64	3795328	3679889	3695044	3711294	3841231
25 – 29 years	24.30	5651913	5757739	5781699	5806728	6067321
30 – 34 years	20.89	5586759	4954920	4988344	5021935	5282663
35 – 39 years	13.80	4440647	3493912	3518517	3543881	3721750
40 – 44 years	10.98	3511349	2644643	2664154	2685005	2800471
45 – 49 years	11.28	3208009	2803712	2814168	2826193	2922298
50 – 54 years	12.61	3222233	3759533	3756670	3755409	3852569
55 – 59 years	14.44	2918093	4473209	4465411	4459188	4548499
60 – 64 years	17.06	2769299	4699911	4694554	4690374	4769754
65 – 69 years	21.45	3335346	5114731	5112136	5110720	5194032
70 – 74 years	25.55	3564736	4707230	4712570	4719034	4796272
75 – 79 years	27.82	3130585	3577151	3591785	3607753	3665090
80 – 84 years	25.29	1865213	2482922	2505025	2528646	2563040
85 + years	21.52	1440441	2791359	2853660	2920436	2947250
Total, Female		52781945	58340479	58658540	59205603	60935748
TOTAL		95540084	111700963	112487167	113814548	117053573

**POPULATION OF ONTARIO IN YEAR 2016 AND PROJECTED DEMAND
FOR ANESTHESIA SERVICES (1)**

AGE	POPULATION 1999	PROJECTED POPULATION IN 2016			
		Low	Medium	High 1	High 2
<u>Male Population</u>					
0 – 4 years	364010	317071	355561	410498	423293
5 – 9 years	407160	329663	360581	403630	414134
10 – 14 years	396919	348937	374149	408454	416096
15 – 19 years	387528	388240	406412	427578	433148
20 – 24 years	384274	454698	468821	483340	489319
25 – 29 years	404548	463995	477706	491772	499030
30 – 34 years	457248	461618	479683	497990	506129
35 – 39 years	521721	454182	477262	500571	508343
40 – 44 years	469424	452936	476399	500418	507490
45 – 49 years	407015	469665	489037	509072	514822
50 – 54 years	360255	522390	536146	550490	555035
55 – 59 years	273237	481002	489994	499434	502734
60 – 64 years	229995	400783	407181	413859	416185
65 – 69 years	209892	338466	344270	350281	351983
70 – 74 years	172392	234372	239664	245152	246113
75 – 79 years	125677	159607	164218	169048	169621
80 – 84 years	64927	106772	110809	115082	115420
85 + years	43955	88886	94298	100208	100479
Total, male	5680177	6473283	6752191	7076877	7169374
<u>Female Population</u>					
0 – 4 years	347085	301757	337966	389551	402835
5 – 9 years	387017	315936	344163	383399	396608
10 – 14 years	375026	334757	356651	386607	398286
15 – 19 years	367790	373682	388012	404673	415068
20 – 24 years	370393	442798	454614	466176	478178
25 – 29 years	403822	454845	467982	480590	495938
30 – 34 years	458018	454904	471532	487414	505528
35 – 39 years	519189	452137	471615	490413	508744
40 – 44 years	478512	457381	475388	493112	509727
45 – 49 years	419761	480801	493937	507017	520942
50 – 54 years	367589	532482	540279	548058	559586
55 – 59 years	282868	503365	508231	513083	521348
60 – 64 years	241731	435032	438993	442899	448774
65 – 69 years	227366	374424	378228	381953	386513
70 – 74 years	209903	271084	274758	278398	281298
75 – 79 years	178668	200659	203867	207100	208913
80 – 84 years	109324	152247	155117	158045	159050
85 + years	104938	196608	202395	208468	209366
Total, female	5849000	6734899	6963728	7226956	7406702
TOTAL	11529177	13208182	13715919	14303833	14576076

POPULATION OF ONTARIO IN YEAR 2016 AND PROJECTED DEMAND FOR ANESTHESIA SERVICES (2)

AGE	UNITS OF DEMAND PER CAPITA	1999	PROJECTED UNITS OF DEMAND IN 2016			
			LOW	MEDIUM	HIGH 1	HIGH 2
Male Population						
0 – 4 years	8.06	2933921	2555592	2865822	3308614	3411742
5 – 9 years	5.01	2039872	1651612	1806511	2022186	2074811
10 – 14 years	3.56	1413032	1242216	1331970	1454096	1481302
15 – 19 years	5.27	2042273	2046025	2141791	2253336	2282690
20 – 24 years	5.95	2286430	2705453	2789485	2875873	2911448
25 – 29 years	5.71	2309969	2649411	2727701	2808018	2849461
30 – 34 years	6.31	2885235	2912810	3026800	3142317	3193674
35 – 39 years	6.97	3636395	3165649	3326516	3488980	3543151
40 – 44 years	8.08	3792946	3659723	3849304	4043377	4100519
45 – 49 years	10.11	4114922	4748313	4944164	5146718	5204850
50 – 54 years	13.79	4967916	7203758	7393453	7591257	7653933
55 – 59 years	19.40	5300798	9331439	9505884	9689020	9753040
60 – 64 years	26.12	6007469	10468452	10635568	10809997	10870752
65 – 69 years	33.02	6930634	11176147	11367795	11566279	11622479
70 – 74 years	40.22	6933606	9426442	9639286	9860013	9898665
75 – 79 years	42.52	5343786	6786490	6982549	7187921	7212285
80 – 84 years	35.67	2315946	3808557	3952557	4104975	4117031
85 + years	29.53	1297991	2624804	2784620	2959142	2967145
Total, male		66553141	88162892	91071777	94312120	95148977
Female Population						
0 – 4 years	5.30	1839551	1599312	1791220	2064620	2135026
5 – 9 years	3.63	1404872	1146848	1249312	1391738	1439687
10 – 14 years	2.90	1087575	970795	1034288	1121160	1155029
15 – 19 years	7.54	2773137	2817562	2925610	3051234	3129613
20 – 24 years	15.64	5792947	6925361	7110163	7290993	7478704
25 – 29 years	24.30	9812875	11052734	11371963	11678337	12051293
30 – 34 years	20.89	9567996	9502945	9850303	10182078	10560480
35 – 39 years	13.80	7164808	6239491	6508287	6767699	7020667
40 – 44 years	10.98	5254062	5022043	5219760	5414370	5596802
45 – 49 years	11.28	4734904	5423435	5571609	5719152	5876226
50 – 54 years	12.61	4635297	6714598	6812918	6911011	7056379
55 – 59 years	14.44	4084614	7268591	7338856	7408919	7528265
60 – 64 years	17.06	4123931	7421646	7489221	7555857	7656084
65 – 69 years	21.45	4877001	8031395	8112991	8192892	8290704
70 – 74 years	25.55	5363022	6926196	7020067	7113069	7187164
75 – 79 years	27.82	4970544	5582333	5671580	5761522	5811960
80 – 84 years	25.29	2764804	3850327	3922909	3996958	4022375
85 + years	21.52	2258266	4231004	4355540	4486231	4505556
Total, female		82510203	100726615	103356597	106107841	108502015
TOTAL		149063344	188889507	194428374	200419961	203650992

**POPULATION OF MANITOBA IN YEAR 2016 AND PROJECTED DEMAND
FOR ANESTHESIA SERVICES (1)**

AGE	POPULATION 1999	PROJECTED POPULATION IN 2016			
		Low	Medium	High 1	High 2
<u>Male Population</u>					
0 – 4 years	38724	30960	33021	36277	39575
5 – 9 years	42882	31364	32634	34833	38035
10 – 14 years	42200	32281	32864	34194	36985
15 – 19 years	41148	35096	34889	34855	37308
20 – 24 years	40173	40834	40137	39322	42225
25 – 29 years	40429	41878	40950	39869	43410
30 – 34 years	41253	40828	39919	38837	42753
35 – 39 years	47887	39096	38412	37562	41343
40 – 44 years	44914	38629	38130	37512	40798
45 – 49 years	39832	38789	38299	37743	40521
50 – 54 years	34432	43265	42754	42199	44545
55 – 59 years	26054	42833	42446	42026	43772
60 – 64 years	21655	37577	37333	37065	38351
65 – 69 years	20009	31322	31195	31041	32082
70 – 74 years	17221	21556	21574	21576	22269
75 – 79 years	13687	14470	14596	14719	15145
80 – 84 years	8444	9883	10088	10305	10543
85 + years	6318	8544	8948	9390	9551
Total, male	567262	579205	578189	579325	619211
<u>Female Population</u>					
0 – 4 years	37032	29154	31113	34205	37243
5 – 9 years	40610	29346	30605	32736	35584
10 – 14 years	39992	30103	30736	32050	34497
15 – 19 years	39224	33023	32905	32927	35099
20 – 24 years	38255	38802	38229	37514	40210
25 – 29 years	38230	39909	39180	38242	41669
30 – 34 years	39645	39184	38494	37555	41432
35 – 39 years	46555	37872	37318	36531	40316
40 – 44 years	44308	37178	36672	35997	39338
45 – 49 years	39879	37852	37268	36565	39426
50 – 54 years	34333	42755	42087	41327	43795
55 – 59 years	26377	42630	42086	41481	43329
60 – 64 years	22398	38217	37864	37460	38776
65 – 69 years	21470	32668	32447	32179	33192
70 – 74 years	20887	23546	23457	23334	24013
75 – 79 years	20020	17395	17396	17375	17825
80 – 84 years	13798	13491	13564	13629	13911
85 + years	14113	19985	20383	20792	21076
Total, female	577126	583110	581804	581899	620731
TOTAL	1144388	1162315	1159993	1161224	1239942

POPULATION OF MANITOBA IN YEAR 2016 AND PROJECTED DEMAND FOR ANESTHESIA SERVICES (2)

AGE	UNITS OF DEMAND PER CAPITA	1999	PROJECTED UNITS OF DEMAND IN 2016			
			LOW	MEDIUM	HIGH 1	HIGH 2
			Male Population			
0 – 4 years	8.06	312115	249538	266149	292393	318975
5 – 9 years	5.01	214839	157134	163496	174513	190555
10 – 14 years	3.56	150232	114920	116996	121731	131667
15 – 19 years	5.27	216850	184956	183865	183686	196613
20 – 24 years	5.95	239029	242962	238815	233966	251239
25 – 29 years	5.71	230850	239123	233825	227652	247871
30 – 34 years	6.31	260306	257625	251889	245061	269771
35 – 39 years	6.97	333772	272499	267732	261807	288161
40 – 44 years	8.08	362905	312122	308090	303097	329648
45 – 49 years	10.11	402702	392157	387203	381582	409667
50 – 54 years	13.79	474817	596624	589578	581924	614276
55 – 59 years	19.40	505448	830960	823452	815304	849177
60 – 64 years	26.12	565629	981511	975138	968138	1001728
65 – 69 years	33.02	660697	1034252	1030059	1024974	1059348
70 – 74 years	40.22	692629	866982	867706	867787	895659
75 – 79 years	42.52	581971	615264	620622	625852	643965
80 – 84 years	35.67	301197	352527	359839	367579	376069
85 + years	29.53	186571	252304	264234	277287	282041
Total, male		6692559	7953462	7948688	7954333	8356429
			Female Population			
0 – 4 years	5.30	196270	154516	164899	181287	197388
5 – 9 years	3.63	147414	106526	111096	118832	129170
10 – 14 years	2.90	115977	87299	89134	92945	100041
15 – 19 years	7.54	295749	248993	248104	248270	264646
20 – 24 years	15.64	598308	606863	597902	586719	628884
25 – 29 years	24.30	928989	969789	952074	929281	1012557
30 – 34 years	20.89	828184	818554	804140	784524	865514
35 – 39 years	13.80	642459	522634	514988	504128	556361
40 – 44 years	10.98	486502	408214	402659	395247	431931
45 – 49 years	11.28	449835	426971	420383	412453	444725
50 – 54 years	12.61	432939	539141	530717	521133	552255
55 – 59 years	14.44	380884	615577	607722	598986	625671
60 – 64 years	17.06	382110	651982	645960	639068	661519
65 – 69 years	21.45	460532	700729	695988	690240	711968
70 – 74 years	25.55	533663	601600	599326	596184	613532
75 – 79 years	27.82	556956	483929	483957	483373	495892
80 – 84 years	25.29	348951	341187	343034	344677	351809
85 + years	21.52	303712	430077	438642	447444	453556
Total, female		8089434	8714581	8650724	8574788	9097420
TOTAL		14781993	16668043	16599412	16529121	17453849

**POPULATION OF SASKATCHEWAN IN YEAR 2016 AND PROJECTED
DEMAND FOR ANESTHESIA SERVICES (1)**

AGE	POPULATION 1999	PROJECTED POPULATION IN 2016			
		Low	Medium	High 1	High 2
<u>Male Population</u>					
0 – 4 years	33882	27390	27617	28806	34457
5 – 9 years	39587	27940	27601	28093	33437
10 – 14 years	40952	28809	28173	28209	32578
15 – 19 years	40872	31019	29709	28659	32498
20 – 24 years	37955	35580	33323	31176	36402
25 – 29 years	33125	36680	33803	31162	37594
30 – 34 years	33941	36043	33195	30633	37182
35 – 39 years	40771	35095	32710	30528	36434
40 – 44 years	40589	33232	31440	29754	34533
45 – 49 years	34866	32945	31523	30150	33989
50 – 54 years	27926	37704	36444	35205	38512
55 – 59 years	21912	38781	37843	36907	39433
60 – 64 years	19499	34227	33540	32849	34813
65 – 69 years	18700	26538	26016	25486	27105
70 – 74 years	16832	18006	17721	17433	18535
75 – 79 years	13605	13001	12919	12839	13538
80 – 84 years	8809	9413	9489	9568	9976
85 + years	7142	9247	9565	9912	10230
Total, male	510965	511650	492631	477369	541246
<u>Female Population</u>					
0 – 4 years	32403	26174	26507	27783	32902
5 – 9 years	37599	26730	26584	27246	31968
10 – 14 years	38998	27085	26556	26646	30615
15 – 19 years	38664	28998	27780	26790	30368
20 – 24 years	35708	33841	31804	29850	34661
25 – 29 years	31940	35429	32803	30370	36476
30 – 34 years	33503	34886	32222	29808	36230
35 – 39 years	40315	33466	31181	29091	34936
40 – 44 years	39456	31792	29986	28288	33088
45 – 49 years	33293	31927	30389	28902	32870
50 – 54 years	27613	37485	35994	34520	38121
55 – 59 years	22466	38197	37038	35881	38639
60 – 64 years	20011	34052	33211	32365	34416
65 – 69 years	19871	27265	26632	25989	27603
70 – 74 years	19344	20089	19671	19241	20398
75 – 79 years	17666	15945	15698	15441	16251
80 – 84 years	13896	13055	12955	12855	13376
85 + years	14198	21631	21796	21980	22611
Total, female	516944	518047	498807	483046	545529
TOTAL	1027909	1029697	991438	960415	1086775

**POPULATION OF SASKATCHEWAN IN YEAR 2016 AND PROJECTED
DEMAND FOR ANESTHESIA SERVICES (2)**

AGE	UNITS OF DEMAND PER CAPITA	1999	PROJECTED UNITS OF DEMAND IN 2016			
			LOW	MEDIUM	HIGH 1	HIGH 2
			Male Population			
0 – 4 years	8.06	273089	220763	222593	232176	277723
5 – 9 years	5.01	198331	139979	138281	140746	167519
10 – 14 years	3.56	145789	102560	100296	100424	115978
15 – 19 years	5.27	215395	163470	156566	151033	171264
20 – 24 years	5.95	225832	211701	198272	185497	216592
25 – 29 years	5.71	189144	209443	193015	177935	214662
30 – 34 years	6.31	214168	227431	209460	193294	234618
35 – 39 years	6.97	284174	244612	227989	212780	253945
40 – 44 years	8.08	327959	268515	254035	240412	279027
45 – 49 years	10.11	352495	333074	318698	304817	343629
50 – 54 years	13.79	385100	519938	502563	485477	531080
55 – 59 years	19.40	425093	752351	734154	715996	765000
60 – 64 years	26.12	509314	894009	876065	858016	909316
65 – 69 years	33.02	617474	876285	859048	841548	895007
70 – 74 years	40.22	676983	724201	712739	701155	745478
75 – 79 years	42.52	578485	552803	549316	545914	575636
80 – 84 years	35.67	314217	335762	338473	341291	355844
85 + years	29.53	210903	273064	282454	292701	302092
Total, male		6143944	7049962	6874017	6721213	7354410
			Female Population			
0 – 4 years	5.30	171736	138722	140487	147250	174381
5 – 9 years	3.63	136484	97030	96500	98903	116044
10 – 14 years	2.90	113094	78547	77012	77273	88784
15 – 19 years	7.54	291527	218645	209461	201997	228975
20 – 24 years	15.64	558473	529273	497415	466854	542098
25 – 29 years	24.30	776142	860925	797113	737991	886367
30 – 34 years	20.89	699878	728769	673118	622689	756845
35 – 39 years	13.80	556347	461831	430298	401456	482117
40 – 44 years	10.98	433227	349076	329246	310602	363306
45 – 49 years	11.28	375545	360137	342788	326015	370774
50 – 54 years	12.61	348200	472686	453884	435297	480706
55 – 59 years	14.44	324409	551565	534829	518122	557947
60 – 64 years	17.06	341388	580927	566580	552147	587137
65 – 69 years	21.45	426233	584834	571256	557464	592084
70 – 74 years	25.55	494239	513274	502594	491608	521169
75 – 79 years	27.82	491468	443590	436718	429569	452103
80 – 84 years	25.29	351430	330161	327632	325103	338279
85 + years	21.52	305541	465499	469050	473010	486589
Total, female		7195360	7765489	7455981	7173348	8025703
TOTAL		13339304	14815451	14329998	13894561	15380113

**POPULATION OF ALBERTA IN YEAR 2016 AND PROJECTED DEMAND
FOR ANESTHESIA SERVICES (1)**

AGE	POPULATION 1999	PROJECTED POPULATION IN 2016			
		Low	Medium	High 1	High 2
<u>Male Population</u>					
0 – 4 years	101465	83809	99773	122131	108205
5 – 9 years	111122	85472	99064	117580	104302
10 – 14 years	112980	87464	98243	112249	101035
15 – 19 years	111677	96318	104264	113142	103259
20 – 24 years	111975	111187	119527	127991	116067
25 – 29 years	114503	115795	125439	135204	120880
30 – 34 years	118897	114511	125146	135854	120719
35 – 39 years	136759	110459	121458	132545	117858
40 – 44 years	133397	110443	120468	130595	117914
45 – 49 years	108845	114891	123057	131283	121154
50 – 54 years	86771	125896	132499	139153	130650
55 – 59 years	63545	125303	130323	135397	128823
60 – 64 years	51123	105517	109390	113319	108286
65 – 69 years	45817	81206	84422	87703	83626
70 – 74 years	35766	54092	56492	58969	56158
75 – 79 years	25422	36483	38213	40021	38275
80 – 84 years	14443	24561	25826	27166	26174
85 + years	9969	21038	22479	24060	23322
Total, male	1494476	1604445	1736083	1884362	1726707
<u>Female Population</u>					
0 – 4 years	94633	78146	92967	113768	100848
5 – 9 years	105006	78504	90957	108018	95737
10 – 14 years	107310	80415	90390	103501	92783
15 – 19 years	106588	88435	95999	104616	94729
20 – 24 years	106160	105379	113766	122487	110356
25 – 29 years	109152	111906	122287	133082	118046
30 – 34 years	114580	111300	123067	135262	118755
35 – 39 years	134368	107434	119457	131941	115630
40 – 44 years	128118	107399	118005	129086	114874
45 – 49 years	104182	111592	120228	129176	117457
50 – 54 years	84483	124803	131853	139157	128922
55 – 59 years	61942	125203	130462	135917	128059
60 – 64 years	51127	104912	108776	112800	107072
65 – 69 years	46655	82472	85579	88829	84310
70 – 74 years	40685	57490	59860	62361	59046
75 – 79 years	34481	42128	43866	45704	43439
80 – 84 years	22716	32709	33920	35206	33831
85 + years	21682	44301	46062	47950	46602
Total, female	1473868	1594528	1634534	1878861	1710496
TOTAL	2968344	3198973	3370617	3763223	3437203

**POPULATION OF ALBERTA IN YEAR 2016 AND PROJECTED DEMAND
FOR ANESTHESIA SERVICES (2)**

AGE	UNITS OF DEMAND PER CAPITA	1999	PROJECTED UNITS OF DEMAND IN 2016			
			LOW	MEDIUM	HIGH 1	HIGH 2
			Male Population			
0 – 4 years	8.06	817808	675501	804170	984376	872132
5 – 9 years	5.01	556721	428215	496311	589076	522553
10 – 14 years	3.56	402209	311372	349745	399606	359685
15 – 19 years	5.27	588538	507596	549471	596258	544175
20 – 24 years	5.95	666251	661563	711186	761546	690599
25 – 29 years	5.71	653812	661189	716257	772015	690225
30 – 34 years	6.31	750240	722564	789671	857239	761737
35 – 39 years	6.97	953210	769899	846562	923839	821470
40 – 44 years	8.08	1077848	892379	973381	1055208	952745
45 – 49 years	10.11	1100423	1161548	1244106	1327271	1224867
50 – 54 years	13.79	1196572	1736106	1827161	1918920	1801664
55 – 59 years	19.40	1232773	2430878	2528266	2626702	2499166
60 – 64 years	26.12	1335333	2756104	2857267	2959892	2828430
65 – 69 years	33.02	1512877	2681422	2787614	2895953	2761331
70 – 74 years	40.22	1438509	2175580	2272108	2371733	2258675
75 – 79 years	42.52	1080943	1551257	1624817	1701693	1627453
80 – 84 years	35.67	515182	876091	921213	969011	933627
85 + years	29.53	294385	621252	663805	710492	688699
Total, male		16173634	21620517	22963113	24420830	22839231
			Female Population			
0 – 4 years	5.30	501555	414174	492725	602970	534494
5 – 9 years	3.63	381172	284970	330174	392105	347525
10 – 14 years	2.90	311199	233204	262131	300153	269071
15 – 19 years	7.54	803674	666800	723832	788805	714257
20 – 24 years	15.64	1660342	1648128	1779300	1915697	1725968
25 – 29 years	24.30	2652394	2719316	2971574	3233893	2868518
30 – 34 years	20.89	2393576	2325057	2570870	2825623	2480792
35 – 39 years	13.80	1854278	1482589	1648507	1820786	1595694
40 – 44 years	10.98	1406736	1179241	1295695	1417364	1261317
45 – 49 years	11.28	1175173	1258758	1356172	1457105	1324915
50 – 54 years	12.61	1065331	1573766	1662666	1754770	1625706
55 – 59 years	14.44	894442	1807931	1883871	1962641	1849172
60 – 64 years	17.06	872227	1789799	1855719	1924368	1826648
65 – 69 years	21.45	1000750	1769024	1835670	1905382	1808450
70 – 74 years	25.55	1039502	1468870	1529423	1593324	1508625
75 – 79 years	27.82	959261	1172001	1220352	1271485	1208473
80 – 84 years	25.29	574488	827211	857837	890360	855586
85 + years	21.52	466597	953358	991254	1031884	1002875
Total, female		20012695	23574194	25267772	27088715	24808086
TOTAL		36186329	45194711	48230885	51509545	47647317

**POPULATION OF BRITISH COLUMBIA IN YEAR 2016 AND PROJECTED
DEMAND FOR ANESTHESIA SERVICES (1)**

AGE	POPULATION 1999	PROJECTED POPULATION IN 2016			
		Low	Medium	High 1	High 2
<u>Male Population</u>					
0 – 4 years	119252	107539	127797	155243	143412
5 – 9 years	130318	113879	131483	154823	143477
10 – 14 years	134548	121312	136099	154867	145202
15 – 19 years	137308	135535	147053	159706	151620
20 – 24 years	133897	153069	163524	174027	165414
25 – 29 years	143104	158903	170042	181177	170812
30 – 34 years	157503	162888	176170	189467	177062
35 – 39 years	179317	160202	175236	190362	177912
40 – 44 years	171433	160706	175619	190746	180134
45 – 49 years	155710	173568	186912	200483	191600
50 – 54 years	132264	186647	197332	208192	200797
55 – 59 years	98767	180255	187811	195497	190036
60 – 64 years	81029	157343	162693	168112	164107
65 – 69 years	75046	132940	137292	141690	138410
70 – 74 years	61366	89438	92734	96106	93866
75 – 79 years	47107	60928	63391	65942	64552
80 – 84 years	26494	41834	43713	45692	44898
85 + years	18838	38709	41079	43656	43077
Total, male	2003301	2335695	2515980	2715788	2586388
<u>Female Population</u>					
0 – 4 year	112482	101796	121113	147325	135761
5 – 9 years	124524	107699	124722	147393	135650
10 – 14 years	126918	114110	128481	146855	136405
15 – 19 years	129792	127300	138606	151179	142098
20 – 24 years	129350	147538	159089	170970	160336
25 – 29 years	140386	155892	169858	184253	170547
30 – 34 years	154457	160593	177792	195553	178874
35 – 39 years	177333	160548	179463	199062	181974
40 – 44 years	172719	162625	180432	198919	184026
45 – 49 years	154586	173358	188240	203696	191138
50 – 54 years	131860	187186	198564	210359	199796
55 – 59 years	99684	182819	190739	198927	191002
60 – 64 years	82072	163330	169038	174903	169091
65 – 69 years	75982	140760	145349	150066	145437
70 – 74 years	70751	99576	102981	106507	103347
75 – 79 years	63414	72581	75032	77587	75549
80 – 84 years	41858	53707	55495	57365	56077
85 + years	38851	76178	79028	82059	80729
Total, female	2027019	2387596	2584022	2802978	2637837
TOTAL	4030320	4723291	5100002	5518766	5224225

**POPULATION OF BRITISH COLUMBIA IN YEAR 2016 AND PROJECTED
DEMAND FOR ANESTHESIA SERVICES (2)**

AGE	UNITS OF DEMAND PER CAPITA	1999	PROJECTED UNITS OF DEMAND IN 2016			
			LOW	MEDIUM	HIGH 1	HIGH 2
			Male Population			
0 – 4 years	8.06	961171	866764	1030044	1251259	1155901
5 – 9 years	5.01	652893	570534	658730	775663	718820
10 – 14 years	3.56	478991	431871	484512	551327	516919
15 – 19 years	5.27	723613	714269	774969	841651	799037
20 – 24 years	5.95	796687	910761	972968	1035461	984213
25 – 29 years	5.71	817124	907336	970940	1034521	975337
30 – 34 years	6.31	993844	1027823	1111633	1195537	1117261
35 – 39 years	6.97	1249839	1116608	1221395	1326823	1240047
40 – 44 years	8.08	1385179	1298504	1419002	1541228	1455483
45 – 49 years	10.11	1574228	1754772	1889680	2026883	1937076
50 – 54 years	13.79	1823921	2573862	2721208	2870968	2768991
55 – 59 years	19.40	1916080	3496947	3643533	3792642	3686698
60 – 64 years	26.12	2116477	4109799	4249541	4391085	4286475
65 – 69 years	33.02	2478019	4389679	4533382	4678604	4570298
70 – 74 years	40.22	2468141	3597196	3729761	3865383	3775291
75 – 79 years	42.52	2002990	2590659	2695385	2803854	2744751
80 – 84 years	35.67	945041	1492219	1559243	1629834	1601512
85 + years	29.53	556286	1143077	1213063	1289162	1272064
Total, male		23940524	32992681	34878990	36901882	35606173
			Female Population			
0 – 4 years	5.30	596155	539519	641899	780823	719533
5 – 9 years	3.63	452022	390947	452741	535037	492410
10 – 14 years	2.90	368062	330919	372595	425880	395575
15 – 19 years	7.54	978632	959842	1045089	1139890	1071419
20 – 24 years	15.64	2023034	2307494	2488152	2673971	2507655
25 – 29 years	24.30	3411380	3788176	4127549	4477348	4144292
30 – 34 years	20.89	3226607	3354788	3714075	4085102	3736678
35 – 39 years	13.80	2447195	2215562	2476589	2747056	2511241
40 – 44 years	10.98	1896455	1785623	1981143	2184131	2020605
45 – 49 years	11.28	1743730	1955478	2123347	2297691	2156037
50 – 54 years	12.61	1662755	2360415	2503892	2652627	2519428
55 – 59 years	14.44	1439437	2639906	2754271	2872506	2758069
60 – 64 years	17.06	1400148	2786410	2883788	2983845	2884692
65 – 69 years	21.45	1629814	3019302	3117736	3218916	3119624
70 – 74 years	25.55	1807688	2544167	2631165	2721254	2640516
75 – 79 years	27.82	1764177	2019203	2087390	2158470	2101773
80 – 84 years	25.29	1058589	1358250	1403469	1450761	1418187
85 + years	21.52	836074	1639351	1700683	1765910	1737288
Total, female		28741953	35995352	38505574	41171215	38935022
TOTAL		52682477	68988033	73384564	78073097	74541195