

Population and Household Projections *Northeast Avalon Region*

August 2011 Updated Tables



Department of Finance, Economics and Statistics Branch
Economic Research and Analysis Division

Background

This report provides an update to the original document “Population and Household Projections for the Northeast Avalon Region” (June 2008), which outlines a custom projection carried out for the Technical Planning Committee for the comprehensive review of the St. John’s Urban Region Regional Plan. The 2011 update was requested by the Department of Municipal Affairs. Users requiring a more detailed methodology than the one contained in this report are encouraged to consult the methodology contained in the original document which is also available on the Economic Research and Analysis Division’s web site.

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Total Projected Population for Northeast Avalon

	Census	NLSA	Projection			
	2006	2010	2015	2020	2025	2030
Low Scenario	185,905	194,975	194,919	193,122	189,444	184,387
Medium Scenario	185,905	194,975	200,689	206,146	209,264	211,367
High Scenario	185,905	194,975	209,386	218,954	229,232	239,064

Total Projected Households for Northeast Avalon

	Census	NLSA	Projection			
	2006	2010	2015	2020	2025	2030
Low Scenario	72,651	78,509	80,404	81,050	80,776	79,652
Medium Scenario	72,651	78,509	82,671	85,833	87,714	88,923
High Scenario	72,651	78,509	86,071	90,915	95,414	99,457

NLSA: Newfoundland and Labrador Statistics Agency estimate

Population Projections for Northeast Avalon - Scenario 1 Low

	Total	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85 - 89	90 +
1986	168,659	12,631	13,327	14,107	14,950	17,276	15,848	14,865	13,438	10,553	7,815	6,739	6,290	5,645	5,165	4,301	2,833	1,535	898	443
1991	178,217	12,070	12,901	13,495	14,705	16,666	16,829	15,860	14,895	13,336	10,520	7,730	6,471	5,950	5,235	4,540	3,531	2,067	886	530
1996	179,675	10,365	12,095	13,015	13,730	15,220	14,670	15,730	15,410	14,715	13,055	10,135	7,300	6,105	5,375	4,645	3,735	2,570	1,285	520
2001	177,975	9,265	10,220	11,905	12,940	14,370	12,575	13,435	15,210	15,030	14,425	12,665	9,740	6,970	5,625	4,820	3,815	2,725	1,575	665
2006	185,845	9,370	9,895	10,700	12,490	14,400	13,130	13,085	13,870	15,585	15,195	14,400	12,585	9,585	6,665	5,180	4,095	2,995	1,785	835
2010	195,025	10,645	10,155	10,260	11,000	13,600	14,035	14,100	14,580	14,955	16,045	15,160	13,955	11,890	8,340	5,750	4,380	3,180	1,920	1,075
2015	194,919	9,604	10,875	10,246	10,420	11,583	12,328	13,618	13,891	14,402	14,793	15,709	14,618	13,332	11,048	7,377	4,716	3,236	1,992	1,131
2020	193,122	8,672	9,760	10,942	10,343	10,962	10,515	12,160	13,401	13,676	14,207	14,469	15,145	13,960	12,393	9,779	6,063	3,484	2,019	1,172
2025	189,444	7,598	8,841	9,816	11,022	10,760	10,048	10,379	12,060	13,191	13,491	13,911	13,977	14,481	12,956	10,993	8,053	4,502	2,167	1,198
2030	184,388	7,085	7,763	8,896	9,903	11,390	10,059	10,010	10,298	11,877	13,007	13,205	13,453	13,391	13,426	11,484	9,061	5,996	2,826	1,258
	Males	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85 - 89	90 +
1986	82,410	6,462	6,826	7,296	7,514	8,401	7,659	7,250	6,624	5,234	3,935	3,335	3,031	2,761	2,340	1,775	1,094	500	244	129
1991	86,879	6,075	6,620	6,935	7,570	8,016	8,160	7,680	7,325	6,576	5,240	3,935	3,180	2,835	2,445	1,945	1,321	676	240	105
1996	86,600	5,265	6,125	6,655	6,950	7,400	7,050	7,430	7,385	7,180	6,400	4,980	3,645	2,940	2,435	2,030	1,440	825	365	100
2001	85,180	4,760	5,175	6,045	6,545	6,865	6,050	6,345	7,170	7,185	6,970	6,195	4,780	3,405	2,635	2,075	1,535	890	425	130
2006	88,860	4,790	5,100	5,430	6,265	6,890	6,210	6,285	6,530	7,375	7,250	6,965	6,110	4,660	3,195	2,370	1,640	1,115	510	170
2010	93,460	5,390	5,245	5,195	5,445	6,470	6,650	6,710	7,125	7,135	7,685	7,385	6,745	5,730	3,980	2,700	1,865	1,190	605	210
2015	92,829	4,898	5,547	5,297	5,217	5,427	5,800	6,388	6,597	7,023	7,052	7,513	7,075	6,356	5,123	3,353	2,046	1,214	658	245
2020	91,290	4,422	5,009	5,585	5,296	5,185	4,852	5,701	6,286	6,481	6,922	6,882	7,198	6,666	5,678	4,308	2,540	1,338	669	272
2025	88,753	3,875	4,542	5,043	5,567	5,228	4,680	4,748	5,666	6,176	6,387	6,762	6,607	6,788	5,952	4,779	3,263	1,666	739	285
2030	85,478	3,614	3,992	4,572	5,035	5,431	4,789	4,647	4,714	5,571	6,082	6,234	6,496	6,244	6,051	5,008	3,619	2,138	932	309
	Females	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85 - 89	90 +
1986	86,249	6,169	6,501	6,811	7,436	8,875	8,189	7,615	6,814	5,319	3,880	3,404	3,259	2,884	2,825	2,526	1,739	1,035	654	314
1991	91,338	5,995	6,281	6,560	7,135	8,650	8,669	8,180	7,570	6,760	5,280	3,795	3,291	3,115	2,790	2,595	2,210	1,391	646	425
1996	93,075	5,100	5,970	6,360	6,780	7,820	7,620	8,300	8,025	7,535	6,655	5,155	3,655	3,165	2,940	2,615	2,295	1,745	920	420
2001	92,795	4,505	5,045	5,860	6,395	7,505	6,525	7,090	8,040	7,845	7,455	6,470	4,960	3,565	2,990	2,745	2,280	1,835	1,150	535
2006	96,985	4,580	4,795	5,270	6,225	7,510	6,920	6,800	7,340	8,210	7,945	7,435	6,475	4,925	3,470	2,810	2,455	1,880	1,275	665
2010	101,565	5,255	4,910	5,065	5,555	7,130	7,385	7,390	7,455	7,820	8,360	7,775	7,210	6,160	4,360	3,050	2,515	1,990	1,315	865
2015	102,090	4,706	5,328	4,949	5,203	6,156	6,528	7,230	7,294	7,379	7,741	8,196	7,543	6,976	5,925	4,024	2,670	2,022	1,334	886
2020	101,832	4,250	4,751	5,357	5,047	5,777	5,663	6,459	7,115	7,195	7,285	7,587	7,947	7,294	6,715	5,471	3,523	2,146	1,350	900
2025	100,691	3,723	4,299	4,773	5,455	5,532	5,368	5,631	6,394	7,015	7,104	7,149	7,370	7,693	7,004	6,214	4,790	2,836	1,428	913
2030	98,910	3,471	3,771	4,324	4,868	5,959	5,270	5,363	5,584	6,306	6,925	6,971	6,957	7,147	7,375	6,476	5,442	3,858	1,894	949

Note that the totals in this table are the sum of individual age groups in each Northeast Avalon community and, due to random rounding to protect confidentiality, totals may not match exactly the sum of actual community population totals published in each census.

Population and Household Projections
for the Northeast Avalon Region

Population Projections for Northeast Avalon - Scenario 2 Medium

	Total	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85 - 89	90 +
1986	168,659	12,631	13,327	14,107	14,950	17,276	15,848	14,865	13,438	10,553	7,815	6,739	6,290	5,645	5,165	4,301	2,833	1,535	898	443
1991	178,217	12,070	12,901	13,495	14,705	16,666	16,829	15,860	14,895	13,336	10,520	7,730	6,471	5,950	5,235	4,540	3,531	2,067	886	530
1996	179,675	10,365	12,095	13,015	13,730	15,220	14,670	15,730	15,410	14,715	13,055	10,135	7,300	6,105	5,375	4,645	3,735	2,570	1,285	520
2001	177,975	9,265	10,220	11,905	12,940	14,370	12,575	13,435	15,210	15,030	14,425	12,665	9,740	6,970	5,625	4,820	3,815	2,725	1,575	665
2006	185,845	9,370	9,895	10,700	12,490	14,400	13,130	13,085	13,870	15,585	15,195	14,400	12,585	9,585	6,665	5,180	4,095	2,995	1,785	835
2010	195,025	10,645	10,155	10,260	11,000	13,600	14,035	14,100	14,580	14,955	16,045	15,160	13,955	11,890	8,340	5,750	4,380	3,180	1,920	1,075
2015	200,689	10,397	11,396	10,688	10,538	11,303	12,969	14,997	14,515	14,844	15,178	16,026	14,755	13,646	11,070	7,421	4,711	3,182	1,995	1,058
2020	206,146	10,224	11,265	12,017	10,910	10,581	11,031	14,347	15,549	14,785	15,054	15,196	15,647	14,412	12,712	9,825	6,082	3,427	2,002	1,080
2025	209,264	9,808	11,028	11,808	12,190	10,777	10,353	12,172	14,877	15,764	14,955	15,033	14,824	15,258	13,372	11,285	8,058	4,446	2,155	1,101
2030	211,367	9,406	10,641	11,588	12,015	12,052	10,793	11,634	12,710	15,159	16,011	14,963	14,706	14,478	14,148	11,865	9,278	5,915	2,833	1,172
	Males	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85 - 89	90 +
1986	82,410	6,462	6,826	7,296	7,514	8,401	7,659	7,250	6,624	5,234	3,935	3,335	3,031	2,761	2,340	1,775	1,094	500	244	129
1991	86,879	6,075	6,620	6,935	7,570	8,016	8,160	7,680	7,325	6,576	5,240	3,935	3,180	2,835	2,445	1,945	1,321	676	240	105
1996	86,600	5,265	6,125	6,655	6,950	7,400	7,050	7,430	7,385	7,180	6,400	4,980	3,645	2,940	2,435	2,030	1,440	825	365	100
2001	85,180	4,760	5,175	6,045	6,545	6,865	6,050	6,345	7,170	7,185	6,970	6,195	4,780	3,405	2,635	2,075	1,535	890	425	130
2006	88,860	4,790	5,100	5,430	6,265	6,890	6,210	6,285	6,530	7,375	7,250	6,965	6,110	4,660	3,195	2,370	1,640	1,115	510	170
2010	93,460	5,390	5,245	5,195	5,445	6,470	6,650	6,710	7,125	7,135	7,685	7,385	6,745	5,730	3,980	2,700	1,865	1,190	605	210
2015	96,277	5,303	5,816	5,542	5,317	5,428	6,104	7,090	6,904	7,260	7,243	7,687	7,142	6,540	5,219	3,430	2,092	1,229	688	243
2020	97,430	5,214	5,640	6,062	5,609	5,143	4,962	6,473	7,174	6,936	7,279	7,192	7,406	6,899	5,940	4,484	2,655	1,380	711	271
2025	98,007	5,002	5,572	5,880	6,125	5,415	4,797	5,325	6,641	7,229	6,983	7,247	6,953	7,159	6,261	5,102	3,462	1,755	806	293
2030	97,886	4,797	5,374	5,816	5,948	5,883	5,136	5,259	5,503	6,719	7,285	6,956	7,022	6,735	6,482	5,375	3,938	2,282	1,044	332
	Females	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85 - 89	90 +
1986	86,249	6,169	6,501	6,811	7,436	8,875	8,189	7,615	6,814	5,319	3,880	3,404	3,259	2,884	2,825	2,526	1,739	1,035	654	314
1991	91,338	5,995	6,281	6,560	7,135	8,650	8,669	8,180	7,570	6,760	5,280	3,795	3,291	3,115	2,790	2,595	2,210	1,391	646	425
1996	93,075	5,100	5,970	6,360	6,780	7,820	7,620	8,300	8,025	7,535	6,655	5,155	3,655	3,165	2,940	2,615	2,295	1,745	920	420
2001	92,795	4,505	5,045	5,860	6,395	7,505	6,525	7,090	8,040	7,845	7,455	6,470	4,960	3,565	2,990	2,745	2,280	1,835	1,150	535
2006	96,985	4,580	4,795	5,270	6,225	7,510	6,920	6,800	7,340	8,210	7,945	7,435	6,475	4,925	3,470	2,810	2,455	1,880	1,275	665
2010	101,565	5,255	4,910	5,065	5,555	7,130	7,385	7,390	7,455	7,820	8,360	7,775	7,210	6,160	4,360	3,050	2,515	1,990	1,315	865
2015	104,412	5,094	5,580	5,146	5,221	5,875	6,865	7,907	7,611	7,584	7,935	8,339	7,613	7,106	5,851	3,991	2,619	1,953	1,307	815
2020	108,716	5,010	5,625	5,955	5,301	5,438	6,069	7,874	8,375	7,849	7,775	8,004	8,241	7,513	6,772	5,341	3,427	2,047	1,291	809
2025	111,257	4,806	5,456	5,928	6,065	5,362	5,556	6,847	8,236	8,535	7,972	7,786	7,871	8,099	7,111	6,183	4,596	2,691	1,349	808
2030	113,481	4,609	5,267	5,772	6,067	6,169	5,657	6,375	7,207	8,440	8,726	8,007	7,684	7,743	7,666	6,490	5,340	3,633	1,789	840

Note that the totals in this table are the sum of individual age groups in each Northeast Avalon community and, due to random rounding to protect confidentiality, totals may not match exactly the sum of actual community population totals published in each census.

Population Projections for Northeast Avalon - Scenario 3 High

	Total	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85 - 89	90 +
1986	168,659	12,631	13,327	14,107	14,950	17,276	15,848	14,865	13,438	10,553	7,815	6,739	6,290	5,645	5,165	4,301	2,833	1,535	898	443
1991	178,217	12,070	12,901	13,495	14,705	16,666	16,829	15,860	14,895	13,336	10,520	7,730	6,471	5,950	5,235	4,540	3,531	2,067	886	530
1996	179,675	10,365	12,095	13,015	13,730	15,220	14,670	15,730	15,410	14,715	13,055	10,135	7,300	6,105	5,375	4,645	3,735	2,570	1,285	520
2001	177,975	9,265	10,220	11,905	12,940	14,370	12,575	13,435	15,210	15,030	14,425	12,665	9,740	6,970	5,625	4,820	3,815	2,725	1,575	665
2006	185,845	9,370	9,895	10,700	12,490	14,400	13,130	13,085	13,870	15,585	15,195	14,400	12,585	9,585	6,665	5,180	4,095	2,995	1,785	835
2010	195,025	10,645	10,155	10,260	11,000	13,600	14,035	14,100	14,580	14,955	16,045	15,160	13,955	11,890	8,340	5,750	4,380	3,180	1,920	1,075
2015	209,386	11,021	12,170	11,145	10,738	11,450	13,932	16,707	15,440	15,333	15,583	16,266	15,134	13,948	11,424	7,592	4,864	3,363	2,116	1,160
2020	218,954	11,668	12,234	13,000	11,424	10,601	11,118	15,988	17,593	15,802	15,648	15,580	16,047	14,984	13,297	10,384	6,374	3,710	2,243	1,259
2025	229,232	11,594	13,144	13,166	13,407	11,276	10,687	13,143	17,154	18,196	16,319	15,787	15,488	15,950	14,283	12,139	8,733	4,907	2,491	1,368
2030	239,064	11,507	13,176	14,201	13,621	13,241	11,626	12,906	14,299	17,868	18,846	16,524	15,759	15,434	15,196	13,029	10,222	6,727	3,341	1,541
	Males	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85 - 89	90 +
1986	82,410	6,462	6,826	7,296	7,514	8,401	7,659	7,250	6,624	5,234	3,935	3,335	3,031	2,761	2,340	1,775	1,094	500	244	129
1991	86,879	6,075	6,620	6,935	7,570	8,016	8,160	7,680	7,325	6,576	5,240	3,935	3,180	2,835	2,445	1,945	1,321	676	240	105
1996	86,600	5,265	6,125	6,655	6,950	7,400	7,050	7,430	7,385	7,180	6,400	4,980	3,645	2,940	2,435	2,030	1,440	825	365	100
2001	85,180	4,760	5,175	6,045	6,545	6,865	6,050	6,345	7,170	7,185	6,970	6,195	4,780	3,405	2,635	2,075	1,535	890	425	130
2006	88,860	4,790	5,100	5,430	6,265	6,890	6,210	6,285	6,530	7,375	7,250	6,965	6,110	4,660	3,195	2,370	1,640	1,115	510	170
2010	93,460	5,390	5,245	5,195	5,445	6,470	6,650	6,710	7,125	7,135	7,685	7,385	6,745	5,730	3,980	2,700	1,865	1,190	605	210
2015	100,000	5,621	6,122	5,836	5,408	5,378	6,389	7,943	7,294	7,529	7,467	7,794	7,214	6,731	5,395	3,503	2,134	1,280	721	241
2020	103,943	5,950	6,189	6,637	5,951	5,019	4,948	7,393	8,305	7,479	7,704	7,477	7,504	7,132	6,290	4,730	2,733	1,447	781	274
2025	108,070	5,913	6,657	6,765	6,808	5,539	4,774	5,879	7,909	8,616	7,755	7,789	7,271	7,457	6,672	5,518	3,678	1,862	898	310
2030	111,831	5,869	6,678	7,290	6,961	6,340	5,371	5,830	6,380	8,270	8,969	7,868	7,616	7,248	6,964	5,857	4,280	2,497	1,174	369
	Females	0 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49	50 - 54	55 - 59	60 - 64	65 - 69	70 - 74	75 - 79	80 - 84	85 - 89	90 +
1986	86,249	6,169	6,501	6,811	7,436	8,875	8,189	7,615	6,814	5,319	3,880	3,404	3,259	2,884	2,825	2,526	1,739	1,035	654	314
1991	91,338	5,995	6,281	6,560	7,135	8,650	8,669	8,180	7,570	6,760	5,280	3,795	3,291	3,115	2,790	2,595	2,210	1,391	646	425
1996	93,075	5,100	5,970	6,360	6,780	7,820	7,620	8,300	8,025	7,535	6,655	5,155	3,655	3,165	2,940	2,615	2,295	1,745	920	420
2001	92,795	4,505	5,045	5,860	6,395	7,505	6,525	7,090	8,040	7,845	7,455	6,470	4,960	3,565	2,990	2,745	2,280	1,835	1,150	535
2006	96,985	4,580	4,795	5,270	6,225	7,510	6,920	6,800	7,340	8,210	7,945	7,435	6,475	4,925	3,470	2,810	2,455	1,880	1,275	665
2010	101,565	5,255	4,910	5,065	5,555	7,130	7,385	7,390	7,455	7,820	8,360	7,775	7,210	6,160	4,360	3,050	2,515	1,990	1,315	865
2015	109,386	5,400	6,048	5,309	5,330	6,072	7,543	8,764	8,146	7,804	8,116	8,472	7,920	7,217	6,029	4,089	2,730	2,083	1,395	919
2020	115,011	5,718	6,045	6,363	5,473	5,582	6,170	8,595	9,288	8,323	7,944	8,103	8,543	7,852	7,007	5,654	3,641	2,263	1,462	985
2025	121,162	5,681	6,487	6,401	6,599	5,737	5,913	7,264	9,245	9,580	8,564	7,998	8,217	8,493	7,611	6,621	5,055	3,045	1,593	1,058
2030	127,233	5,638	6,498	6,911	6,660	6,901	6,255	7,076	7,919	9,598	9,877	8,656	8,143	8,186	8,232	7,172	5,942	4,230	2,167	1,172

Note that the totals in this table are the sum of individual age groups in each Northeast Avalon community and, due to random rounding to protect confidentiality, totals may not match exactly the sum of actual community population totals published in each census.

Population and Household Projections
for the Northeast Avalon Region

Primary Household Maintainer Five Year Age Groups - Scenario 1 Low

	Total	< 25	25 - 34	35 - 44	45 - 54	55 - 64	65 - 74	75 +
2006	72,651	2,984	11,307	15,896	16,367	12,821	7,388	5,888
2010	78,509	2,924	12,132	16,011	17,285	14,910	8,813	6,434
2015	80,404	2,767	11,182	15,329	16,841	16,095	11,414	6,776
2020	81,050	2,657	9,767	14,609	15,869	16,702	13,645	7,801
2025	80,776	2,516	8,795	13,610	15,151	16,256	14,715	9,733
2030	79,652	2,362	8,650	11,926	14,407	15,383	15,262	11,662

Primary Household Maintainer Five Year Age Groups - Scenario 2 Medium

	Total	< 25	25 - 34	35 - 44	45 - 54	55 - 64	65 - 74	75 +
2006	72,651	2,984	11,307	15,896	16,367	12,821	7,388	5,888
2010	78,509	2,924	12,132	16,011	17,285	14,910	8,813	6,434
2015	82,671	2,846	12,055	15,913	17,239	16,371	11,516	6,731
2020	85,833	2,883	10,912	16,323	16,711	17,244	13,986	7,774
2025	87,714	2,915	9,684	16,402	16,528	17,162	15,284	9,739
2030	88,923	2,925	9,658	14,829	16,922	16,680	16,069	11,840

Primary Household Maintainer Five Year Age Groups - Scenario 3 High

	Total	< 25	25 - 34	35 - 44	45 - 54	55 - 64	65 - 74	75 +
2006	72,651	2,984	11,307	15,896	16,367	12,821	7,388	5,888
2010	78,509	2,924	12,132	16,011	17,285	14,910	8,813	6,434
2015	86,071	2,965	13,201	16,674	17,603	16,733	11,844	7,051
2020	90,915	3,087	11,661	18,028	17,331	17,740	14,724	8,344
2025	95,414	3,276	10,242	19,041	17,797	17,926	16,383	10,749
2030	99,457	3,446	10,556	17,239	19,512	17,903	17,416	13,385

Note: Primary Household Maintainer is first person in the household identified as the one who pays the rent or the mortgage, or the taxes, or the electricity bill, and so on, for the dwelling.

Births, Deaths and Natural Population Change

Year	Births	Deaths	Natural Population Change
1991	2,535	1,233	1,302
1992	2,329	1,209	1,120
1993	2,230	1,179	1,051
1994	2,119	1,280	839
1995	2,049	1,256	793
1996	2,053	1,222	831
1997	2,039	1,291	748
1998	1,856	1,408	448
1999	1,761	1,289	472
2000	1,900	1,328	572
2001	1,852	1,322	530
2002	1,787	1,294	493
2003	1,856	1,340	516
2004	1,859	1,336	523
2005	1,869	1,400	469
2006	1,986	1,455	531
2007	1,935	1,510	425
2008	2,033	1,485	548
2009	2,235	1,425	810

Methodology

Assumptions

This report involved projecting 5 year age cohorts by employing assumptions about cohort survival/retention rates and fertility rates.

This projection method used information and assumptions about fertility, mortality and migration to determine population for each time period. Low, medium and high scenarios were produced for the region by varying the assumptions.

Fertility Rates

For the low scenario, the fertility rate declines from the Northeast Avalon Region rate of 1.6 in 2009 to 1.4 in 2030.

For the medium scenario, the fertility rate remains constant at the 2009 level of 1.6.

For the high scenario, the fertility rate increases from the 2009 Northeast Avalon Region rate of 1.6 to 1.8 by 2030.

Net Migration and Mortality Rates

Assumptions regarding mortality and net-migration were combined into one variable labeled the cohort survival/retention rate. This rate includes the net effects of deaths and migration on each cohort. Each cohort, other than the 0 to 4 year olds, which is determined by fertility rates, was assigned a rate based on some combination of 20 year trends or recent trends.

For the low scenario, future cohort survival/retention rates were projected to remain at 20 year historical levels.

For the medium scenario, future cohort survival/retention rates were a combination of recent trends and historical values.

For the high scenario, future cohort survival/retention rates were assumed to continue recent trends.

Rationale for Assumptions

Fertility

In the low scenario fertility rates are assumed to decline. There are several rationales for possible future declines in the fertility rate. Individuals are having fewer children due to increased education and labour force participation of women, better birth control, changing social attitudes regarding gender equity and women having children later in life. In the medium scenario, fertility rates remain constant. This is quite plausible considering that they are among the lowest in the country.

An increase in the fertility rate in the Northeast Avalon Region is projected in the high scenario. Factors that may contribute to this increase are the growing incomes and economic opportunities in the region. Most provinces in Canada have a higher fertility rate than the Northeast Avalon Region and as incomes and employment increase, fertility rates could rise to rates experienced in other regions of the country. The high scenario assumes that the region's fertility rate increases to coincide more closely with the rest of the country.

Mortality and Net Migration (Cohort Survival/Retention)

Historical levels of net migration in the region show that individuals leaving outweighed individuals migrating in during the

1991 to 2001 period, but net in-migration occurred between 2001 and 2010. In the low scenario, the average of these historical migration trends are assumed to continue through the projected years as a result of the completion of major construction projects (e.g. oil projects) and the propensity for the province's skilled labour to migrate to other provinces.

For the medium scenario, net migration rates were set halfway between historical averages (low scenario) and recent trends (high scenario). This increase may occur as a result of major construction projects in the region, increasing local job opportunities due to retirements, and/or the growing number of individuals who reside in the province but work elsewhere in the country.

The high scenario assumes migration rates continue at recent trends (2001 to 2010). This scenario could unfold as several major projects are developed in the province and the number of people who reside in but work outside the province continues to grow.

Description of Population Scenarios

Below is a summary of the assumptions for each scenario presented in this report.

For the low scenario we combine a declining fertility rate and a cohort survival/retention rate based on historical data. The medium scenario includes a constant fertility rate and a cohort survival rate based on a combination of recent trends and historical data. The high scenario includes the assumptions of an increasing fertility rate and recent trends for cohort survival/retention.

Scenario Descriptions		
	Fertility Rate	Cohort Survival/Retention
Low Scenario	1.4	Low Historical
Medium Scenario	1.6	Recent Trends/Historical
High Scenario	1.8	Recent Trends

Household Projections

The population projections, in conjunction with 2006 headship rates, were used to project the number of households in the Northeast Avalon Region. Households were projected by applying the 2006 age-specific headship rates to corresponding population age groups for all three population scenarios (high, medium and low).

September 2011 Updated Tables
Population and Household Projections
Northeast Avalon Region

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