FINAL

ACOPEB 75

Report on the OPEB Costs and Liability

Little Compton SD - Certified

Update for the Year Ending June 30th, 2019

12/12/2019

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Description of Report

This report was prepared using ACOPEB.com software to satisfy the requirements of Government Accounting Standards Board Statement No. 75 (GASB 75). This Statement requires that the annual cost and liability associated with other post employment benefits (OPEB) be computed and gradually brought onto the governments' books. If the Little Compton - Certified is using this report to comply with GASB 75, then the Little Compton - Certified has under 100 participants covered under the plan and is eligible for the alternative measurement method.

This report provides four primary results: the Actuarial Accrued Liability (AAL), the Unfunded Actuarial Accrued Liability (UAAL), the Service Costs, and the change in UAAL.

The Actuarial Accrued Liability (AAL) is the total projected liability for the post employment benefits covered under the plan. The AAL calculation uses the data on active employees, employees who have left employment but who are eligible for retiree healthcare, current retirees and their beneficiaries, and spouses who are eligible for the retiree healthcare benefit provided by the Little Compton - Certified. This information along with a set of economic assumptions (see page 8) is used to project the cost of these future benefits and then do an actuarial analysis on the future cost of the benefits to arrive at the AAL. These computations can be found in the appendix.

Unfunded Actuarial Accrued Liability (UAAL) is the AAL less the value of plan assets. Any plan assets used to reduce AAL will have been reported in a fiduciary fund on the fund financial statements.

Service Costs are the annual cost earned by active members of the plan for the current year.

Change in the UAAL is the amount charged as expense in the government wide statement of activities.

For financial statement purposes, GASB 75 impacts the government-wide and/or the proprietary fund statements but does not affect the governmental fund financial statements. The UAAL and changes in the UAAL will be among the adjusting entries made to convert the governmental funds from the modified accrual basis to the full accrual basis. The change in the UAAL will be expensed on the government-wide statement of activities. The UAAL will be reported as a liability on the government-wide statement of net assets. For proprietary funds, the impact of GASB 75 affects the fund financial statements, with the UAAL being reported as a liability and the change in the UAAL as an expense.

Additional note disclosures and required supplementary information (RSI) are required as a result of GASB 75. The portion of this disclosure related specifically to the computations has been provided on page 5.

Changes in the Net OPEB Liability

		Increase (Decrease)	
	Total OPEB	Plan Fiduciary	Net OPEB
	Liability	Net Position	Liability
Balance at Beginning of Year:	83,121	0	83,121
Changes for the year:			
Service Cost	8,162		8,162
Interest	3,159		3,159
Difference between expected	(11,373)		(11,373)
and actual experience.			
Contributions – Employer		0	0
Net Investment Income		0	0
Benefit Payments	0	0	
Administrative expense		0	0
Net Change	(52)	0	(52)
Balance at End of Year:	83,069	0	83,069

OPEB Expense

Service Cost	8,162
Interest on BOY AAL	3,159
Difference form assumptions & Other	(11,373)
Projected Interest on BOY Assets	-
Total	(52)

OPEB Information for Note Disclosure and Required Supplementary Information

		Current Calculation
Actuarial accrued liabilities (AAL)	\$	83,069
Actuarial value of plan assets	_	0
Unfunded actuarial accrued liabilities (UAAL)	_	83,069
	_	
Covered Payroll	\$	1,903,958
UAAL as % of Covered Payroll		4.36 %

Sensitivity of	f Little Compton - Certif	ied UAAL to changes in	the discount rate.
	Discount Rate -1%	Assumed Discount Rate	Discount Rate +1
Total UAAL	80,462	83,069	81,964

Sensitivity of I	Little Compton - Certifie Tro	ed UAAL to changes in a end rate.	the Healthcare Cost
	Healthcare Cost Trend -1%	Healthcare Cost Trend Assumed	Healthcare Cost Trend +1
Total UAAL	74,280	83,069	93,299
Total OAAL	/ 7,200	03,009	73,299

How the Results Affect Your Annual Financial Report

This report provides your organization's annual OPEB expense amount and the net OPEB obligation at the end of the year both of which will be reported in your financial statements. Additionally, the portion of the required note disclosure related specifically to the computations has been provided on page 5.

This report presents the Annual OPEB expense and UAAL as a total for the entire plan. In many cases it will be necessary to allocate the Annual OPEB expense and UAAL between governmental and proprietary funds and/or to different programs within the government. When preparing the relative percentages to allocate these amounts, it is important to note that the retired members will not be represented in any current year FTE or payroll statistics. As a result, it may be most accurate when creating the relative percentages to use the plan data provided in this report, and then to determine where the retired members (including associated spouses) worked when creating the relative percentages.

Applying the Annual OPEB expense and UAAL Amounts to your financial statements.

If your organization only has governmental funds, the Annual OPEB expense and UAAL are reported only on the government-wide financial statements.

If your organization has proprietary funds, the portion of the Annual OPEB expense and the UAAL attributable to each proprietary fund is reported in the proprietary fund financial statements and on the government-wide financial statements.

Report Assumptions

Assumed retirement age	62
Discount rate	3.8%
Average salary increase	2%
Medical insurance premium increases (for both active and retired partici	pants)
Year 1	5%
Year 2	5%
Year 3	5%
Year 4	5%
Year 5	5%
Year 6	5%
Years 7-10	5%
Years 11-21	5%
Years 21 on	5%

Note: The medical insurance premium increases should be reasonably comparable with those found in the *National Health Care Expenditures Projections* of the Office of the actuary at the Centers for Medicare and Medicaid Services in 2015.

The probability of remaining employed until retirement age from current and entry age by age comes from The U.S. Office of Personnel Management Civil Service Retirement and Disability Fund Annual Report Fiscal Year Ended September 30, 2016.

Life expectancy by gender comes from the *Life Expectancy Table* from National Center for Health Statistics updated in 2015.

The discount rate is based on a municipal bond index that can be found at http://bartel-associates.com/resources/select-gasb-67-68-discount-rate-indices or the estimated rate of return for investment assets in the trust fund.

Disclaimer

The Little Compton - Certified provided all the information entered into ACOPEB.com necessary for the successful completion of the work. The Little Compton - Certified attests that the data provided is accurate, reflects reasonable assumptions, and is consistent with that required for calculation of OPEB costs and obligations. The Little Compton - Certified attests that the accuracy of the OPEB calculations is dependent on the accuracy of the data and holds harmless AFS Associates, Inc. from any misstatement of the Government's data.

AFS Associates, Inc provided the software to prepare this report on OPEB costs and obligations to meet the requirements of the alternative measurement methodology of GASB 75. However, AFS Associates, Inc. has not audited the data provided by the Little Compton - Certified and accordingly does not express an opinion on the quality or accuracy of the Government's data and is held harmless for the effects of any errors or misstatement of the results caused by inaccurate data or assumptions.

APPENDIX

Methodology – A detailed description of how the calculations are done.

Present Value Computation – The columns in the table shows the calculation of the future benefits for each plan member for each future year. The individual year present values are calculated and then totaled to arrive at a total present value of future benefits for each plan member.

Annual OPEB expense and UAAL Using the Entry Age Actuarial Cost Method – Shows the calculation of the normal cost at current age and the unfunded actuarial accrued liability (UAAL) using the present value of future benefits for individual plan members from the previous table.

Methodology

The methodology used for calculating the normal the annual required contribution and the actuarial accrued liability follows the process used in the example found in GASB Statement 75. However, ACOPEB75.com uses only the entry age actuarial cost method (also called entry age normal actuarial cost method) of calculation and the level percent of payroll option. This is the methodology AFS Associates, Inc. believes is used by the majority of pension and OPEB plans.

ACOPEB75.com uses the data entered as economic assumptions and member data to calculate the actuarial present value of future benefits for each individual. This projection uses the assumed retirement age for members of the plan and the employer's portion of health insurance premiums for current retirees and spouses as a statistical base to forecast the cost of future benefits. The projections differentiate between members who are Medicare eligible and those who are not. Premiums are inflated using future insurance premium increase assumptions. The life expectancy and thus the number of years benefits are projected to be received, is estimated based on the Expectation of Life by Age and Sex in the U.S. table prepared by the National Center for Health Statistics and updated in 2015. The assumed retirement age for active members and their spouses is adjusted to reflect any eligibility requirement, such as a vesting period, by entering an eligible retirement age in the member data for each active member. (For example, an active member is 62 years of age and has 3 years of service and the plan has an assumed retirement age of 65 with a vesting requirement of 10 years. For this member, the age entered in the eligibility requirements is 72 years of age. Benefits will begin at age 72 rather than the assumed retirement age of 65.) The benefits will begin at the eligible retirement age if greater than the assumed retirement age. If there is a minimum age requirement for spouses this will adjust when benefits start being received.

Unidentified former members who may be eligible for benefits are not included in the calculations. Children of active members are not considered in the calculations. Children of retirees receiving benefits are included as additional retired members in the member records. They are included for benefits until they reach the age when benefits terminate, as dictated by the plan.

The current annual premium for an active member represents what the plan is now paying for a retiree member or their spouse. For a retired member the current annual premium is the actual amount the plan paid for that member. As a result, the premiums entered for an active employee and spouse will be very similar, if not the same, as existing retired members and spouses.

A second premium amount is entered for when a member becomes eligible for Medicare. The Medicare premium for each member in the member records should be the amount of annual premiums covered by the plan which could include both the Medicare premium and supplemental insurance premiums. The premiums are entered for each member in the member records. If a member is not eligible for benefits once they reach Medicare eligibility, the Medicare premium value would be 0.

If the assumed retirement age is at or above that necessary to be eligible for Medicare, then the amount entered for both premiums would be the annual Medicare eligible premium. If the assumed retirement age is below the Medicare eligible age, the premium would be based on what the plan is now paying for retired members who are not Medicare eligible.

The annual premium is projected into the future for each member and their spouse. The cost of future premiums are computed using the premium inflation rates input on the economic assumptions page. This annual compounded inflation rate is published at the top of the Present Value Computations report in the appendix.

For active members, the projected costs begin when the member reaches the assumed retirement age, and/or the year they meet the vesting requirement. For active employees who are past the assumed retirement age, they are considered to be retired in the next year or the year in which they meet the plan's vesting requirement whichever is later. If the plan has a limit on the number of years a member will receive benefits after retirement the benefits will stop at the age when benefits terminate as entered in the member records. The projection of benefits ends when a member's life expectancy ends.

Generally speaking, spousal eligibility, terms, and projections of benefits follow the corresponding members. It is assumed that spouses become eligible for benefits when the member retires unless the plan has a minimum age requirement for spouses in which case spousal benefits may be deferred. When the member reaches his/her life expectancy the spousal benefits continue to be projected by their own life expectancy estimate unless the "Benefits Terminate" item is checked as True on the spouse's member record.

Calculation of Projected Cost of Benefits

The next 55 years of benefits are summed to calculate the total for future benefits. The total present value of future benefits is calculated using each year's estimated annual premium discounted by the discount rate entered on the economic assumption page. The discount rate is checked for reasonableness by AFS Associates, Inc.

Calculation of Normal Cost at Current Age and Actuarial Accrued Liability (AAL)

The present value of the future benefits for each member and spouse is then multiplied by the probability of the member remaining employed from current age until assumed retirement age and the probability of remaining employed from entry age until retirement age. The resulting amounts are the present values adjusted for the probability of being paid from current age to retirement age and from entry age to retirement age.

The entry age present value adjusted for the probability of being paid is then divided by the PV factor of \$1 per year from entry age to retirement age. The result is the normal cost at entry age. The normal cost at entry age is then inflated using the salary increase rate as the inflation factor for the number of years of employment to obtain the normal cost at current age for each member and spouse. The sum of these is the normal cost at current age for the plan.

The present value factor of \$1 per year from current age to assumed retirement age is then multiplied by the normal cost at current age to obtain the present value of future normal cost.

The present value of future normal costs is then subtracted from the current-age probability-adjusted present value of total benefits to be paid. The resulting amount is the actuarial accrued liability (AAL) for each member and spouse. The sum of all individual AAL's is the AAL for the plan.

Calculation of the Amortization of UAAL

The current value of assets held by the plan is then subtracted from the AAL to determine the unfunded actuarial accrued liability (UAAL). This amount is then divided by the amortization present value factor based on a 30 year amortization period. The result is the amortization payment that would have been due at the beginning of the year. Interest for one year is then calculated using the discount rate. The sum of the amortization payment plus the interest on that amount for the current year is the total amortization amount for the current year.

Calculation of the Annual OPEB Expense

The change in the UAAL is the amount of annual OPEB expense.

Any active employee contributions for their future retiree healthcare are then subtracted from the OPEB expense to determine the employer portion of the Annual OPEB expense.

ID / Year	Employment Status	Gender	Years Employed	Retirement Age	Age	Years of Benefit	Premium	Medicare Premium	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
				, and the second														
									105.00%	110.25%	115.76%	121.55%	127.63%	134.01%	140.71%	147.75%	155.13%	162.89%
10071	Active	F	19	62	54	11	2641	1									\$4,097	\$4,302
10084	Active	F	16	62	40	25	2641	1										
28704	Active	F	2	62	27	55	2641	1										
28705	Active	F	1	62	33	32	2641	1										
10079	Active	F	8	62	37	28	2641	1										
10075	Active	F	20	62	59	6	2641	1				\$3,210	\$3,371	\$3,539	\$1			
19540	Active	F	22	62	53	12	2641	1										\$4,302
10095	Active	F	13	62	35	30	2641	1										
10077	Active	M	21	62	47	18	2641	1										
10078	Active	F	17	62	61	4	2641	1		\$2,912	\$3,057	\$3,210	\$1					
10083	Active	F	8	62	31	34	2641	1										
10081	Active	F	20	62	51	14	2641	1										
19541	Active	M	3	62	33	32	2641	1										
10082	Active	F	9	62	52	13	2641	1										
10085	Active	F	23	62	48	17	2641	1										
10087	Active	F	22	62	46	19	2641	1										
10088	Active	F	19	62	65	20	2641	1	\$1	\$1	\$1	\$1	\$1	\$1	\$1	\$1	\$2	\$2
10089	Active	F	9	62	37	28	2641	1										
19542	Active	F	3	62	28	37	2641	1										
10091	Active	F	20	62	58	7	2641	1					\$3,371	\$3,539	\$3,716	\$1		
10092	Active	F	15	62	40	25	2641	1										
10093	Active	F	9	62	36	29	2641	1										
10094	Active	F	10	62	38	27	2641	1										
10096	Active	M	10	62	41	24	2641	1										
10097	Active	F	16	62	57	8	2641	1						\$3,539	\$3,716	\$3,902	\$2	

ID / Year	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046
	171.03%	179.59%	188.56%	197.99%	207.89%	218.29%	229.20%	240.66%	252.70%	265.33%	278.60%	292.53%	307.15%	322.51%	338.64%	355.57%	373.35%	392.01%
10071	\$4,517	\$2																
10084 28704	Ψ1,517	Ψ											\$8,112	\$8,517	\$8,943	\$4		
28705 10079																\$9,391	\$9,860	\$10,353
10075 19540	\$4,517	\$4,743	\$2															
10095 10077	, ,-	, , -	,			\$5,765	\$6,053	\$6,356	\$3									\$10,353
10078 10083						1-,	1 - 7	1 - 1 - 1	, -									
10081 19541		\$4,743	\$4,980	\$5,229	\$2													
10082 10085	\$4,517	\$4,743	\$4,980	\$2	\$5,490	\$5,765	\$6,053	\$2										
10087 10088	\$2	\$2	\$2	\$2	\$2	\$2	\$6,053 \$2	\$6,356 \$2	\$6,674 \$3	\$3 \$3	\$3							
10089 19542	,	•	•	,	•	•	•	•	, ,		, ,					\$9,391	\$9,860	\$10,353
10091 10092													\$8,112	\$8,517	\$8,943	\$4		
10093 10094															\$8,943	\$9,391	\$9,860 \$9,860	\$10,353 \$4
10096 10097												\$7,726	\$8,112	\$8,517	\$3			

10097

ID/	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064
Year																		
	411.61%	432.19%	453.80%	476.49%	500.32%	525.33%	551.60%	579.18%	608.14%	638.55%	670.48%	704.00%	739.20%	776.16%	814.97%	855.72%	898.50%	943.43%
10071																		
10084																		
28704								\$15,296	\$16,061	\$16,864	\$7	\$7	\$7	\$8	\$8	\$9	\$9	\$9
28705		\$11,414	\$11,985	\$12,584	\$5													
10079	\$4																	
10075																		
19540																		
10095	\$10,871	\$11,414	\$5															
10077 10078																		
10078				\$12,584	\$13,213	\$13,874	\$6											
10081				ψ12/001	ψ10,210	φ10/07 1	40											
19541		\$11,414	\$11,985	\$12,584	\$5													
10082																		
10085																		
10087																		
10088																		
10089	\$4																	
19542							\$14,568	\$15,296	\$16,061	\$6								
10091 10092																		
10092	\$10,871	\$4																
10094	,	4-																
10096																		

ID/	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	Total	Present
Year																Value of
																Benefits
	990.60%	1,040.13%	1,092.13%	1,146.74%	1,204.08%	1,264.28%	1,327.49%	1,393.87%	1,463.56%	1,536.74%	1,613.58%	1,694.26%	1,778.97%	1,867.92%		
10071															\$12,918	\$8,077
10084															\$25,576	\$8,295
28704	\$10	\$10	\$11	\$11	\$12	\$13	\$13	\$14	\$15	\$15					\$48,409	\$8,522
28705															\$35,988	\$8,406
10079															\$29,608	\$8,343
10075															\$10,121	\$8,000
19540															\$13,564	\$8,092
10095															\$32,643	\$8,375
10077															\$18,177	\$8,185
10078															\$9,180	\$7,969
10083															\$39,677	\$8,439
10081															\$14,954	\$8,123
19541															\$35,988	\$8,406
10082															\$14,242	\$8,107
10085															\$17,310	\$8,169
10087															\$19,086	\$8,201
10088															\$37	\$21
10089															\$29,608	\$8,343
19542															\$45,931	\$8,487
10091															\$10,627	\$8,015
10092															\$25,576	\$8,295
10093															\$31,088	\$8,358
10094															\$28,198	\$8,327
10096															\$24,358	\$8,279
10097															\$11,159	\$8,031

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ARC using the Entry Age Cost Method (+1 Discount Rate) Little Compton - Certified For the Fiscal Year 2019

Employee	Status	Entry Age	Employee	Assumed	Years of	Present	Probability	Probability	Present	Entry Age	PV factor	Normal	Normal	PV factor	PV of	AAL
ID			Age	Retirement	Past	Value of	of	of	Value	Probability-	of \$1 per	Cost at	Cost at	of \$1 per	future	
				Age	Service	Total	remaining	remaining	adjusted	Adjusted	year from	Entry Age	Current	year from	normal cost	
						Benefits	employed	employed	for		Entry age		Age	current age		
							Current	Entry Age	probability		to Ret Age			to		
							Age to	to	of being					retirement		
							Retirement	Retirement	paid							
10071	Active	35	54	62	19	\$8,077	1	0.9719	\$8,077	\$3,221	16.2342	\$198	\$288	7.2906	\$2,100	\$5,977
10084	Active	24	40	62	16	\$8,295	0.9334	0.9164	\$7,743	\$3,590	15.6524	\$229	\$314	15.0546	\$4,727	\$3,016
28704	Active	25	27	62	2	\$8,522	0.2391	0.2391	\$2,038	\$1,855	16.2342	\$114	\$119	16.2342	\$1,932	\$106
28705	Active	32	33	62	1	\$8,406	0.2028	0.2028	\$1,705	\$1,627	16.8005	\$97	\$99	16.8005	\$1,663	\$42
10079	Active	29	37	62	8	\$8,343	0.6803	0.6457	\$5,676	\$3,702	16.8005	\$220	\$258	16.2342	\$4,188	\$1,488
10075	Active	39	59	62	20	\$8,000	1	0.9868	\$8,000	\$3,091	15.6524	\$197	\$293	2.9206	\$856	\$7,144
19540	Active	31	53	62	22	\$8,092	1	1	\$8,092	\$2,885	16.8005	\$172	\$266	8.0958	\$2,153	\$5,939
10095	Active	22	35	62	13	\$8,375	0.8432	0.8326	\$7,062	\$3,791	15.0546	\$252	\$326	16.2342	\$5,292	\$1,770
10077	Active	26	47	62	21	\$8,185	1	1	\$8,185	\$3,058	16.2342	\$188	\$285	11.8104	\$3,366	\$4,819
10078	Active	44	61	62	17	\$7,969	1	0.9493	\$7,969	\$3,409	13.8094	\$247	\$346	1.0000	\$346	\$7,623
10083	Active	23	31	62	8	\$8,439	0.6352	0.6457	\$5,360	\$3,745	15.6524	\$239	\$280	16.8005	\$4,704	\$656
10081	Active	31	51	62	20	\$8,123	1	0.9868	\$8,123	\$3,138	16.8005	\$187	\$278	9.6423	\$2,681	\$5,442
19541	Active	30	33	62	3	\$8,406	0.4257	0.4257	\$3,578	\$3,109	16.8005	\$185	\$196	16.8005	\$3,293	\$285
10082	Active	43	52	62	9	\$8,107	1	0.7802	\$8,107	\$4,148	13.8094	\$300	\$359	8.8795	\$3,188	\$4,919
10085	Active	25	48	62	23	\$8,169	1	1	\$8,169	\$2,779	16.2342	\$171	\$270	11.8104	\$3,189	\$4,980
10087	Active	24	46	62	22	\$8,201	1	1	\$8,201	\$2,924	15.6524	\$187	\$289	12.4949	\$3,611	\$4,590
10088	Active	46	65	62	19	\$21	1	0.9848	\$21	\$8	12.4949	\$1	\$1	0.0000	0	\$21
10089	Active	28	37	62	9	\$8,343	0.7188	0.695	\$5,997	\$3,802	16.8005	\$226	\$270	16.2342	\$4,383	\$1,614
19542	Active	25	28	62	3	\$8,487	0.3274	0.3274	\$2,779	\$2,414	16.2342	\$149	\$158	16.8005	\$2,654	\$125
10091	Active	38	58	62	20	\$8,015	1	0.9868	\$8,015	\$3,097	15.6524	\$198	\$294	3.8425	\$1,130	\$6,885
10092	Active	25	40	62	15	\$8,295	0.9164	0.8893	\$7,602	\$3,651	16.2342	\$225	\$303	15.0546	\$4,562	\$3,040
10093	Active	27	36	62	9	\$8,358	0.7188	0.695	\$6,008	\$3,809	16.2342	\$235	\$281	16.2342	\$4,562	\$1,446
10094	Active	28	38	62	10	\$8,327	0.7555	0.7403	\$6,291	\$3,857	16.8005	\$230	\$280	15.6524	\$4,383	\$1,908
10096	Active	31	41	62	10	\$8,279	0.6841	0.7145	\$5,664	\$3,701	16.8005	\$220	\$268	15.0546	\$4,035	\$1,629
10097	Active	41	57	62	16	\$8,031	1	0.9334	\$8,031	\$3,540	15.0546	\$235	\$323	4.7399	\$1,531	\$6,500
												-	\$6,444		-	\$81,964

ID / Year	Employment Status	Gender	Years	Retirement	Age	Years of Benefit	Premium	Medicare Premium	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
rear	Status		Employed	Age		benent		Premium										
									\$105%	\$110%	\$116%	\$122%	\$128%	\$134%	\$141%	\$148%	\$155%	\$163%
10071	Active	F	19	62	54	11	2641	1									\$4.094	\$4,305
10084	Active	F	16	62	40	25	2641	1									7.7.	
28704	Active	F	2	62	27	55	2641	1										
28705	Active	F	1	62	33	32	2641	1										
10079	Active	F	8	62	37	28	2641	1										
10075	Active	F	20	62	59	6	2641	1				\$3,222	\$3,380	\$3,539	\$1			
19540	Active	F	22	62	53	12	2641	1										\$4,305
10095	Active	F	13	62	35	30	2641	1										
10077	Active	M	21	62	47	18	2641	1										
10078	Active	F	17	62	61	4	2641	1		\$2,905	\$3,064	\$3,222	\$1					
10083	Active	F	8	62	31	34	2641	1										
10081	Active	F	20	62	51	14	2641	1										
19541	Active	M	3	62	33	32	2641	1										
10082	Active	F	9	62	52	13	2641	1										
10085	Active	F	23	62	48	17	2641	1										
10087	Active	F	22	62	46	19	2641	1										
10088	Active	F	19	62	65	20	2641	1	\$1	\$1	\$1	\$1	\$1	\$1	\$1	\$1	\$2	\$2
10089	Active	F	9	62	37	28	2641	1										
19542	Active	F	3	62	28	37	2641	1										
10091	Active	F	20	62	58	7	2641	1					\$3,380	\$3,539	\$3,724	\$1		
10092	Active	F	15	62	40	25	2641	1										
10093	Active	F	9	62	36	29	2641	1										
10094	Active	F	10	62	38	27	2641	1										
10096	Active	M	10	62	41	24	2641	1										
10097	Active	F	16	62	57	8	2641	1						\$3,539	\$3,724	\$3,909	\$2	

ID / Year	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046
	\$171%	\$180%	\$189%	\$198%	\$208%	\$218%	\$229%	\$241%	\$253%	\$265%	\$279%	\$293%	\$307%	\$323%	\$339%	\$356%	\$373%	\$392%
10071	\$4,516	\$2																
10084 28704													\$8,108	\$8,530	\$8,953	\$4		
28705 10079																\$9,402	\$9,851	\$10,353
10075 19540	\$4,516	\$4,754	\$2													727-2-	45,700	4-2,222
10095 10077	ψ4,510	ψ4,7 04	ΔΦ.			\$5,757	\$6,048	\$6,365	\$3									\$10,353
10077 10078 10083						ψ3,737	ψ0,040	ψ0,303	ψ3									
10081 19541		\$4,754	\$4,991	\$5,229	\$2													
10082 10085	\$4,516	\$4,754	\$4,991	\$2	\$5,493	\$5,757	\$6,048	\$2										
10087 10088	\$2	\$2	\$2	\$2	\$2	\$2	\$6,048 \$2	\$6,365 \$2	\$6,682 \$3	\$3 \$3	\$3							
10089 19542	*-					*-	*-									\$9,402	\$9,851	\$10,353
10091 10092													\$8,108	\$8,530	\$8,953	\$4		
10093 10094															\$8,953	\$9,402	\$9,851 \$9,851	\$10,353 \$4
10096 10097												\$7,738	\$8,108	\$8,530	\$3			

10097

ID/	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064
Year																		
	\$412%	\$432%	\$454%	\$476%	\$500%	\$525%	\$552%	\$579%	\$608%	\$639%	\$670%	\$704%	\$739%	\$776%	\$815%	\$856%	\$899%	\$943%
10071																		
10084																		
28704								\$15,291	\$16,057	\$16,876	\$7	\$7	\$7	\$8	\$8	\$9	\$9	\$9
28705		\$11,409	\$11,990	\$12,571	\$5													
10079	\$4																	
10075																		
19540 10095	\$10,881	\$11,409	\$5															
10093	\$10,001	\$11,409	ъэ															
10078																		
10083				\$12,571	\$13,205	\$13,865	\$6											
10081				, ,	, , , , ,	, .,	1											
19541		\$11,409	\$11,990	\$12,571	\$5													
10082																		
10085																		
10087																		
10088																		
10089	\$4						A14 FF0	#1F 201	#1 C OFF	0.0								
19542							\$14,578	\$15,291	\$16,057	\$6								
10091 10092																		
10092	\$10,881	\$4																-
10094	,	~ ÷																
10096																		

ID/	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	Total	Present
Year																Value of
																Benefits
	\$991%	\$1,040%	\$1,092%	\$1,147%	\$1,204%	\$1,264%	\$1,327%	\$1,394%	\$1,464%	\$1,537%	\$1,614%	\$1,694%	\$1,779%	\$1,868%		
	ψ22170	φ1,04070	ψ1,07270	ψ1,117 /0	ψ1,20170	ψ1,20470	ψ1,027 70	ψ1,05470	φ1,101/0	φ1,007 /0	ψ1,01470	ψ1,05170	ψ1,77570	φ1,00070		
10071															\$12,917	\$9,794
10084															\$25,595	\$13,184
28704	\$10	\$10	\$11	\$11	\$12	\$13	\$13	\$14	\$15	\$15					\$48,412	\$17,397
28705															\$35,975	\$15,273
10079															\$29,610	\$14,039
10075															\$10,142	\$8,829
19540															\$13,577	\$10,014
10095															\$32,648	\$14,648
10077															\$18,173	\$11,357
10078															\$9,192	\$8,455
10083															\$39,647	\$15,928
10081															\$14,976	\$10,452
19541															\$35,975	\$15,273
10082															\$14,263	\$10,233
10085															\$17,300	\$11,114
10087															\$19,098	\$11,610
10088															\$37	\$26
10089															\$29,610	\$14,039
19542															\$45,932	\$16,986
10091															\$10,644	\$9,013
10092															\$25,595	\$13,184
10093															\$31,089	\$14,339
10094															\$28,210	\$13,750
10096															\$24,379	\$12,909
10097															\$11,174	\$9,204

ARC using the Entry Age Cost Method (-1 Discount Rate) Little Compton - Certified For the Fiscal Year 2019

Employee	Status	Entry Age	Employee	Assumed	Years of	Present	Probability	Probability	Present	Entry Age	PV factor	Normal	Normal	PV factor	PV of	AAL
ID			Age	Retirement	Past	Value of	of	of	Value	Probability-	of \$1 per	Cost at	Cost at	of \$1 per	future	
				Age	Service	Total	remaining	remaining	adjusted	Adjusted	year from	Entry Age	Current	-	normal cost	
						Benefits	employed	employed	for		Entry age		Age	current age		
							Current	Entry Age	probability		to Ret Age			to		
							Age to	to	of being					retirement		
							Retirement	Retirement	paid							
10071	Active	35	54	62	19	\$9,794	1	0.9719	\$9,794	\$5,633	19.4436	\$290	\$422	7.7855	\$3,285	\$6,509
10084	Active	24	40	62	16	\$13,184	0.9334	0.9164	\$12,306	\$7,767	18.5882	\$418	\$574	17.7262	\$10,175	\$2,131
28704	Active	25	27	62	2	\$17,397	0.2391	0.2391	\$4,160	\$3,936	19.4436	\$202	\$210	19.4436	\$4,083	\$77
28705	Active	32	33	62	1	\$15,273	0.2028	0.2028	\$3,097	\$3,013	20.2922	\$148	\$151	20.2922	\$3,064	\$33
10079	Active	29	37	62	8	\$14,039	0.6803	0.6457	\$9,551	\$7,268	20.2922	\$358	\$419	19.4436	\$8,147	\$1,404
10075	Active	39	59	62	20	\$8,829	1	0.9868	\$8,829	\$5,015	18.5882	\$270	\$401	2.9767	\$1,194	\$7,635
19540	Active	31	53	62	22	\$10,014	1	1	\$10,014	\$5,455	20.2922	\$269	\$416	8.7249	\$3,630	\$6,384
10095	Active	22	35	62	13	\$14,648	0.8432	0.8326	\$12,351	\$8,517	17.7262	\$480	\$621	19.4436	\$12,074	\$277
10077	Active	26	47	62	21	\$11,357	1	1	\$11,357	\$6,359	19.4436	\$327	\$496	13.3134	\$6,603	\$4,754
10078	Active	44	61	62	17	\$8,455	1	0.9493	\$8,455	\$5,019	15.9817	\$314	\$440	1.0000	\$440	\$8,015
10083	Active	23	31	62	8	\$15,928	0.6352	0.6457	\$10,117	\$8,246	18.5882	\$444	\$520	20.2922	\$10,117	\$0
10081	Active	31	51	62	20	\$10,452	1	0.9868	\$10,452	\$5,937	20.2922	\$293	\$435	10.5818	\$4,603	\$5,849
19541	Active	30	33	62	3	\$15,273	0.4257	0.4257	\$6,502	\$5,985	20.2922	\$295	\$313	20.2922	\$6,351	\$151
10082	Active	43	52	62	9	\$10,233	1	0.7802	\$10,233	\$6,227	15.9817	\$390	\$466	9.6570	\$4,500	\$5,733
10085	Active	25	48	62	23	\$11,114	1	1	\$11,114	\$5,889	19.4436	\$303	\$478	13.3134	\$6,364	\$4,750
10087	Active	24	46	62	22	\$11,610	1	1	\$11,610	\$6,324	18.5882	\$340	\$526	14.2098	\$7,474	\$4,136
10088	Active	46	65	62	19	\$26	1	0.9848	\$26	\$15	14.2098	\$1	\$1	0.0000	0	\$26
10089	Active	28	37	62	9	\$14,039	0.7188	0.695	\$10,091	\$7,610	20.2922	\$375	\$448	19.4436	\$8,711	\$1,380
19542	Active	25	28	62	3	\$16,986	0.3274	0.3274	\$5,561	\$5,119	19.4436	\$263	\$279	20.2922	\$5,561	\$0
10091	Active	38	58	62	20	\$9,013	1	0.9868	\$9,013	\$5,120	18.5882	\$275	\$409	3.9535	\$1,617	\$7,396
10092	Active	25	40	62	15	\$13,184	0.9164	0.8893	\$12,082	\$7,748	19.4436	\$398	\$536	17.7262	\$9,501	\$2,581
10093	Active	27	36	62	9	\$14,339	0.7188	0.695	\$10,307	\$7,773	19.4436	\$400	\$478	19.4436	\$9,294	\$1,013
10094	Active	28	38	62	10	\$13,750	0.7555	0.7403	\$10,388	\$7,723	20.2922	\$381	\$464	18.5882	\$8,625	\$1,763
10096	Active	31	41	62	10	\$12,909	0.6841	0.7145	\$8,831	\$6,998	20.2922	\$345	\$421	17.7262	\$7,463	\$1,368
10097	Active	41	57	62	16	\$9,204	1	0.9334	\$9,204	\$5,523	17.7262	\$312	\$428	4.9228	\$2,107	\$7,097
												·-	\$10,352		•	\$80,462

ID / Year	Employment Status	Gender	Years Employed	Retirement Age	Age	Years of Benefit	Premium	Medicare Premium	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
									\$105%	\$111%	\$118%	\$125%	\$133%	\$141%	\$149%	\$158%	\$167%	\$177%
10071	Active	F	19	62	54	11	2641	1									\$4,410	\$4,675
10084	Active	F	16	62	40	25	2641	1										
28704	Active	F	2	62	27	55	2641	1										
28705	Active	F	1	62	33	32	2641	1										
10079	Active	F	8	62	37	28	2641	1										
10075	Active	F	20	62	59	6	2641	1				\$3,301	\$3,513	\$3,724	\$1			
19540	Active	F	22	62	53	12	2641	1										\$4,675
10095	Active	F	13	62	35	30	2641	1										
10077	Active	M	21	62	47	18	2641	1										
10078	Active	F	17	62	61	4	2641	1		\$2,932	\$3,116	\$3,301	\$1					
10083	Active	F	8	62	31	34	2641	1										
10081	Active	F	20	62	51	14	2641	1										
19541	Active	M	3	62	33	32	2641	1										
10082	Active	F	9	62	52	13	2641	1										
10085	Active	F	23	62	48	17	2641	1										
10087	Active	F	22	62	46	19	2641	1										
10088	Active	F	19	62	65	20	2641	1	\$1	\$1	\$1	\$1	\$1	\$1	\$1	\$2	\$2	\$2
10089	Active	F	9	62	37	28	2641	1										
19542	Active	F	3	62	28	37	2641	1										
10091	Active	F	20	62	58	7	2641	1					\$3,513	\$3,724	\$3,935	\$2		
10092	Active	F	15	62	40	25	2641	1										
10093	Active	F	9	62	36	29	2641	1										<u></u>
10094	Active	F	10	62	38	27	2641	1										
10096	Active	M	10	62	41	24	2641	1										<u></u>
10097	Active	F	16	62	57	8	2641	1						\$3,724	\$3,935	\$4,173	\$2	

ID / Year	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046
	\$188%	\$199%	\$211%	\$224%	\$237%	\$252%	\$267%	\$283%	\$300%	\$318%	\$337%	\$357%	\$378%	\$401%	\$425%	\$451%	\$478%	\$506%
10071	\$4,965	\$2																
10084 28704	, ,:	,											\$9,983	\$10,590	\$11,224	\$5		
28705 10079																\$11,911	\$12,624	\$13,363
10075 19540	\$4,965	\$5,256	\$2															
10095 10077	ψ4,703	\$3,230	ΨΖ			\$6,655	\$7,051	\$7,474	\$3									\$13,363
10077 10078 10083						\$0,033	ψ7,031	ψ/,4/4	ψЭ									
10081 19541		\$5,256	\$5,573	\$5,916	\$2													
10082 10085	\$4,965	\$5,256	\$5,573	\$2	\$6,259	\$6,655	\$7,051	\$3										
10087 10088	\$2	\$2	\$2	\$2	\$2	\$3	\$7,051 \$3	\$7,474 \$3	\$7,923 \$3	\$3 \$3	\$3							
10089 19542	Ψ2	Ψ2	Ψ	Ψ2	Ψ2	φυ	φο	Ψ	Ψ	φο	Ψ					\$11,911	\$12,624	\$13,363
10091 10092													\$9,983	\$10,590	\$11,224	\$5		
10093 10094													1.7.	, :/2:3	\$11,224	\$11,911	\$12,624 \$12,624	\$13,363 \$5
10096 10097												\$9,428	\$9,983	\$10,590	\$4	, /	, /v	

ID/	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064
Year																		
	\$537%	\$569%	\$603%	\$639%	\$678%	\$718%	\$761%	\$807%	\$855%	\$907%	\$961%	\$1,019%	\$1,080%	\$1,145%	\$1,213%	\$1,286%	\$1,363%	\$1,445%
	ф337 /6	\$30976	ф003 /6	\$03976	\$07.676	\$7.10.76	\$70176	\$607.76	ф0 <i>33</i> /6	\$907 /6	\$901 /6	\$1,01976	\$1,000 /6	\$1,14370	\$1,21376	\$1,20076	\$1,30376	Φ1, 11 0/0
10071																		
10084																		
28704								\$21,313	\$22,581	\$23,954	\$10	\$10	\$11	\$11	\$12	\$13	\$14	\$14
28705		\$15,027	\$15,925	\$16,876	\$7													
10079	\$5																	
10075																		
19540																		
10095	\$14,182	\$15,027	\$6															
10077																		
10078																		
10083				\$16,876	\$17,906	\$18,962	\$8											
10081																		
19541		\$15,027	\$15,925	\$16,876	\$7													
10082																		
10085																		
10087																		
10088																		
10089	\$5						# 2 0.000	#01.010	#22 F01	40								
19542							\$20,098	\$21,313	\$22,581	\$9								
10091																		
10092 10093	¢14.100	\$6																
10093	\$14,182	\$6																
10094																		

10096 10097

ID/	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	Total	Present
Year																Value of
																Benefits
	\$1,532%	\$1,624%	\$1,721%	\$1,825%	\$1,934%	\$2,050%	\$2,173%	\$2,304%	\$2,442%	\$2,588%	\$2,744%	\$2,908%	\$3,083%	\$3,268%		
	\$1,332 /6	\$1,02476	\$1,72170	\$1,02376	\$1,93476	\$2,030 /6	\$2,17376	\$2,30476	\$2,442 /6	\$2,300 /6	\$2,74476	\$2,90076	\$5,005 /6	\$3,20076		
10071															\$14,052	\$9,668
10084															\$31,802	\$12,980
28704	\$15	\$16	\$17	\$18	\$19	\$21	\$22	\$23	\$24	\$26					\$68,144	\$17,102
28705															\$47,835	\$15,038
10079															\$37,903	\$13,833
10075															\$10,539	\$8,737
19540															\$14,898	\$9,875
10095															\$42,578	\$14,422
10077															\$21,183	\$11,225
10078															\$9,350	\$8,352
10083															\$53,752	\$15,684
10081															\$16,747	\$10,302
19541															\$47,835	\$15,038
10082															\$15,796	\$10,087
10085															\$19,968	\$10,983
10087															\$22,451	\$11,462
10088															\$41	\$26
10089															\$37,903	\$13,833
19542															\$64,001	\$16,697
10091															\$11,174	\$8,925
10092															\$31,802	\$12,980
10093															\$40,175	\$14,125
10094															\$35,764	\$13,548
10096															\$30,005	\$12,712
10097															\$11,834	\$9,106

ARC using the Entry Age Cost Method (+1 Health Inflation) Little Compton - Certified For the Fiscal Year 2019

Employee	Status	Entry Age	Employee	Assumed	Years of	Present	Probability	Probability	Present	Entry Age	PV factor	Normal	Normal	PV factor	PV of	AAL
ID			Age	Retirement	Past	Value of	of	of	Value	Probability-	of \$1 per	Cost at	Cost at	of \$1 per	future	
				Age	Service	Total	remaining	remaining	adjusted	Adjusted	year from	Entry Age	Current	year from	normal cost	
						Benefits	employed	employed	for		Entry age		Age	current age		
							Current	Entry Age	probability		to Ret Age			to		
							Age to	to	of being					retirement		
							Retirement	Retirement	paid							
10071	Active	35	54	62	19	\$9,668	1	0.9719	\$9,668	\$4,626	17.7289	\$261	\$380	7.5309	\$2,862	\$6,806
10084	Active	24	40	62	16	\$12,980	0.9334	0.9164	\$12,116	\$6,549	17.0241	\$385	\$529	16.3069	\$8,626	\$3,490
28704	Active	25	27	62	2	\$17,102	0.2391	0.2391	\$4,089	\$3,795	17.7289	\$214	\$223	17.7289	\$3,954	\$135
28705	Active	32	33	62	1	\$15,038	0.2028	0.2028	\$3,050	\$2,938	18.4214	\$159	\$162	18.4214	\$2,984	\$66
10079	Active	29	37	62	8	\$13,833	0.6803	0.6457	\$9,411	\$6,628	18.4214	\$360	\$422	17.7289	\$7,482	\$1,929
10075	Active	39	59	62	20	\$8,737	1	0.9868	\$8,737	\$4,089	17.0241	\$240	\$357	2.9483	\$1,053	\$7,684
19540	Active	31	53	62	22	\$9,875	1	1	\$9,875	\$4,347	18.4214	\$236	\$365	8.4003	\$3,066	\$6,809
10095	Active	22	35	62	13	\$14,422	0.8432	0.8326	\$12,161	\$7,394	16.3069	\$453	\$586	17.7289	\$10,389	\$1,772
10077	Active	26	47	62	21	\$11,225	1	1	\$11,225	\$5,129	17.7289	\$289	\$438	12.5264	\$5,487	\$5,738
10078	Active	44	61	62	17	\$8,352	1	0.9493	\$8,352	\$4,206	14.8342	\$284	\$398	1.0000	\$398	\$7,954
10083	Active	23	31	62	8	\$15,684	0.6352	0.6457	\$9,962	\$7,515	17.0241	\$441	\$517	18.4214	\$9,524	\$438
10081	Active	31	51	62	20	\$10,302	1	0.9868	\$10,302	\$4,822	18.4214	\$262	\$389	10.0942	\$3,927	\$6,375
19541	Active	30	33	62	3	\$15,038	0.4257	0.4257	\$6,402	\$5,724	18.4214	\$311	\$330	18.4214	\$6,079	\$323
10082	Active	43	52	62	9	\$10,087	1	0.7802	\$10,087	\$5,626	14.8342	\$379	\$453	9.2547	\$4,192	\$5,895
10085	Active	25	48	62	23	\$10,983	1	1	\$10,983	\$4,658	17.7289	\$263	\$415	12.5264	\$5,198	\$5,785
10087	Active	24	46	62	22	\$11,462	1	1	\$11,462	\$5,046	17.0241	\$296	\$458	13.3092	\$6,096	\$5,366
10088	Active	46	65	62	19	\$26	1	0.9848	\$26	\$13	13.3092	\$1	\$1	0.0000	0	\$26
10089	Active	28	37	62	9	\$13,833	0.7188	0.695	\$9,943	\$6,873	18.4214	\$373	\$446	17.7289	\$7,907	\$2,036
19542	Active	25	28	62	3	\$16,697	0.3274	0.3274	\$5,467	\$4,888	17.7289	\$276	\$293	18.4214	\$5,397	\$70
10091	Active	38	58	62	20	\$8,925	1	0.9868	\$8,925	\$4,177	17.0241	\$245	\$364	3.8972	\$1,419	\$7,506
10092	Active	25	40	62	15	\$12,980	0.9164	0.8893	\$11,895	\$6,597	17.7289	\$372	\$501	16.3069	\$8,170	\$3,725
10093	Active	27	36	62	9	\$14,125	0.7188	0.695	\$10,153	\$7,018	17.7289	\$396	\$473	17.7289	\$8,386	\$1,767
10094	Active	28	38	62	10	\$13,548	0.7555	0.7403	\$10,236	\$6,907	18.4214	\$375	\$457	17.0241	\$7,780	\$2,456
10096	Active	31	41	62	10	\$12,712	0.6841	0.7145	\$8,696	\$6,255	18.4214	\$340	\$414	16.3069	\$6,751	\$1,945
10097	Active	41	57	62	16	\$9,106	1	0.9334	\$9,106	\$4,680	16.3069	\$287	\$394	4.8296	\$1,903	\$7,203
												-	\$9,765			\$93,299
												=				

ID / Year	Employment Status	Gender	Years Employed	Retirement Age	Age	Years of Benefit	Premium	Medicare Premium	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
									\$105%	\$109%	\$114%	\$118%	\$123%	\$128%	\$133%	\$138%	\$144%	\$149%
10071	Active	F	19	62	54	11	2641	1									\$3,803	\$3,935
10084	Active	F	16	62	40	25	2641	1										
28704	Active	F	2	62	27	55	2641	1										
28705	Active	F	1	62	33	32	2641	1										
10079	Active	F	8	62	37	28	2641	1										
10075	Active	F	20	62	59	6	2641	1				\$3,116	\$3,248	\$3,380	\$1			
19540	Active	F	22	62	53	12	2641	1										\$3,935
10095	Active	F	13	62	35	30	2641	1										
10077	Active	M	21	62	47	18	2641	1										
10078	Active	F	17	62	61	4	2641	1		\$2,879	\$3,011	\$3,116	\$1					
10083	Active	F	8	62	31	34	2641	1										
10081	Active	F	20	62	51	14	2641	1										
19541	Active	M	3	62	33	32	2641	1										
10082	Active	F	9	62	52	13	2641	1										
10085	Active	F	23	62	48	17	2641	1										
10087	Active	F	22	62	46	19	2641	1										
10088	Active	F	19	62	65	20	2641	1	\$1	\$1	\$1	\$1	\$1	\$1	\$1	\$1	\$1	\$1
10089	Active	F	9	62	37	28	2641	1										
19542	Active	F	3	62	28	37	2641	1										
10091	Active	F	20	62	58	7	2641	1					\$3,248	\$3,380	\$3,513	\$1		
10092	Active	F	15	62	40	25	2641	1										
10093	Active	F	9	62	36	29	2641	1										
10094	Active	F	10	62	38	27	2641	1										
10096	Active	M	10	62	41	24	2641	1										
10097	Active	F	16	62	57	8	2641	1						\$3,380	\$3,513	\$3,645	\$1	

ID/	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046
Year																		
	A4 = = 0 /	d4 (20)	h4 c00/	**	#40 2 0/	#4.000 /	#4.0E0/	# 20 E0/	49490/	****	***	#88 00/	da 100/	ABE00/	#8 (00/	# 2 000/	00010/	## A A A A A A
	\$155%	\$162%	\$168%	\$175%	\$182%	\$189%	\$197%	\$205%	\$213%	\$221%	\$230%	\$239%	\$249%	\$259%	\$269%	\$280%	\$291%	\$303%
10071	\$4,094	\$2																
10084													\$6,576	\$6,840	\$7,104	\$3		
28704																		
28705																		
10079																\$7,395	\$7,685	\$8,002
10075																		
19540	\$4,094	\$4,278	\$2															
10095																		\$8,002
10077						\$4,991	\$5,203	\$5,414	\$2									
10078																		
10083																		
10081		\$4,278	\$4,437	\$4,622	\$2													
19541																		
10082	\$4,094	\$4,278	\$4,437	\$2														
10085					\$4,807	\$4,991	\$5,203	\$2										
10087							\$5,203	\$5,414	\$5,625	\$2								
10088	\$2	\$2	\$2	\$2	\$2	\$2	\$2	\$2	\$2	\$2	\$2							
10089																\$7,395	\$7,685	\$8,002
19542																		
10091																		
10092													\$6,576	\$6,840	\$7,104	\$3		
10093															Φ 7 104	#F 20F	\$7,685	\$8,002
10094												AC 010	Φ.C. ΕΠ.C.	Ø6.040	\$7,104	\$7,395	\$7,685	\$3
10096												\$6,312	\$6,576	\$6,840	\$3			
10097																		

ID/	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064
Year																		
	\$315%	\$327%	\$341%	\$354%	\$368%	\$383%	\$398%	\$414%	\$431%	\$448%	\$466%	\$485%	\$504%	\$524%	\$545%	\$567%	\$590%	\$613%
10071																		
10084																		
28704								\$10,934	\$11,383	\$11,832	\$5	\$5	\$5	\$5	\$5	\$6	\$6	\$6
28705		\$8,636	\$9,006	\$9,349	\$4													
10079	\$3																	
10075																		
19540																		
10095	\$8,319	\$8,636	\$3															
10077																		
10078																		
10083				\$9,349	\$9,719	\$10,115	\$4											
10081																		
19541		\$8,636	\$9,006	\$9,349	\$4													
10082																		
10085																		
10087																		
10088																		
10089	\$3																	
19542							\$10,511	\$10,934	\$11,383	\$4								
10091																		
10092																		
10093	\$8,319	\$3																
10094																		

10096 10097

ID/	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	Total	Present
Year																Value of Benefits
																benefits
	\$638%	\$663%	\$690%	\$718%	\$746%	\$776%	\$807%	\$839%	\$873%	\$908%	\$944%	\$982%	\$1,021%	\$1,062%		
10071															\$11,834	\$8,146
10071															\$20,523	\$8,381
28704	\$6	\$7	\$7	\$7	\$7	\$8	\$8	\$8	\$9	\$9					\$34,268	\$8,607
28705	фО	φ/	Φ7	φ/	φ/	фО	ФО	фО	φ۶	φ2					\$26,995	\$8,491
10079															\$23,085	\$8,429
10075															\$9,745	\$8,083
19540															\$12,309	\$8,162
10095															\$24,960	\$8,459
10077															\$15,610	\$8,276
10078															\$9,007	\$8,049
10083															\$29,187	\$8,520
10081															\$13,339	\$8,210
19541															\$26,995	\$8,491
10082															\$12,811	\$8,184
10085															\$15,003	\$8,256
10087															\$16,244	\$8,297
10088															\$32	\$20
10089															\$23,085	\$8,429
19542															\$32,832	\$8,570
10091															\$10,142	\$8,104
10092															\$20,523	\$8,381
10093															\$24,009	\$8,445
10094															\$22,187	\$8,409
10096															\$19,731	\$8,363
10097															\$10,539	\$8,114

ARC using the Entry Age Cost Method (-1 Health Inflation) Little Compton - Certified For the Fiscal Year 2019

Employee	Status	Entry Age	Employee	Assumed	Years of	Present	Probability	Probability	Present	Entry Age	PV factor	Normal	Normal	PV factor	PV of	AAL
ID		, 0-	Age	Retirement	Past	Value of	of	of	Value	Probability-	of \$1 per	Cost at	Cost at	of \$1 per	future	
			Ü	Age	Service	Total	remaining	remaining	adjusted	Adjusted	year from	Entry Age	Current	year from	normal cost	
				Ü		Benefits	employed	employed	for	,	Entry age	, 0	Age	current age		
							Current	Entry Age	probability		to Ret Age		Ü	to		
							Age to	to	of being					retirement		
							Retirement	Retirement	paid							
10071	Active	35	54	62	19	\$8,146	1	0.9719	\$8,146	\$3,898	17.7289	\$220	\$320	7.5309	\$2,410	\$5,736
10084	Active	24	40	62	16	\$8,381	0.9334	0.9164	\$7,823	\$4,229	17.0241	\$248	\$340	16.3069	\$5,544	\$2,279
28704	Active	25	27	62	2	\$8,607	0.2391	0.2391	\$2,058	\$1,910	17.7289	\$108	\$112	17.7289	\$1,986	\$72
28705	Active	32	33	62	1	\$8,491	0.2028	0.2028	\$1,722	\$1,659	18.4214	\$90	\$92	18.4214	\$1,695	\$27
10079	Active	29	37	62	8	\$8,429	0.6803	0.6457	\$5,734	\$4,039	18.4214	\$219	\$257	17.7289	\$4,556	\$1,178
10075	Active	39	59	62	20	\$8,083	1	0.9868	\$8,083	\$3,783	17.0241	\$222	\$330	2.9483	\$973	\$7,110
19540	Active	31	53	62	22	\$8,162	1	1	\$8,162	\$3,593	18.4214	\$195	\$301	8.4003	\$2,528	\$5,634
10095	Active	22	35	62	13	\$8,459	0.8432	0.8326	\$7,133	\$4,337	16.3069	\$266	\$344	17.7289	\$6,099	\$1,034
10077	Active	26	47	62	21	\$8,276	1	1	\$8,276	\$3,782	17.7289	\$213	\$323	12.5264	\$4,046	\$4,230
10078	Active	44	61	62	17	\$8,049	1	0.9493	\$8,049	\$4,053	14.8342	\$273	\$382	1.0000	\$382	\$7,667
10083	Active	23	31	62	8	\$8,520	0.6352	0.6457	\$5,412	\$4,082	17.0241	\$240	\$281	18.4214	\$5,176	\$236
10081	Active	31	51	62	20	\$8,210	1	0.9868	\$8,210	\$3,843	18.4214	\$209	\$311	10.0942	\$3,139	\$5,071
19541	Active	30	33	62	3	\$8,491	0.4257	0.4257	\$3,615	\$3,232	18.4214	\$175	\$186	18.4214	\$3,426	\$189
10082	Active	43	52	62	9	\$8,184	1	0.7802	\$8,184	\$4,565	14.8342	\$308	\$368	9.2547	\$3,406	\$4,778
10085	Active	25	48	62	23	\$8,256	1	1	\$8,256	\$3,501	17.7289	\$197	\$311	12.5264	\$3,896	\$4,360
10087	Active	24	46	62	22	\$8,297	1	1	\$8,297	\$3,652	17.0241	\$215	\$332	13.3092	\$4,419	\$3,878
10088	Active	46	65	62	19	\$20	1	0.9848	\$20	\$10	13.3092	\$1	\$1	0.0000	0	\$20
10089	Active	28	37	62	9	\$8,429	0.7188	0.695	\$6,059	\$4,188	18.4214	\$227	\$271	17.7289	\$4,805	\$1,254
19542	Active	25	28	62	3	\$8,570	0.3274	0.3274	\$2,806	\$2,509	17.7289	\$142	\$151	18.4214	\$2,782	\$24
10091	Active	38	58	62	20	\$8,104	1	0.9868	\$8,104	\$3,793	17.0241	\$223	\$331	3.8972	\$1,290	\$6,814
10092	Active	25	40	62	15	\$8,381	0.9164	0.8893	\$7,680	\$4,260	17.7289	\$240	\$323	16.3069	\$5,267	\$2,413
10093	Active	27	36	62	9	\$8,445	0.7188	0.695	\$6,070	\$4,196	17.7289	\$237	\$283	17.7289	\$5,017	\$1,053
10094	Active	28	38	62	10	\$8,409	0.7555	0.7403	\$6,353	\$4,287	18.4214	\$233	\$284	17.0241	\$4,835	\$1,518
10096	Active	31	41	62	10	\$8,363	0.6841	0.7145	\$5,721	\$4,115	18.4214	\$223	\$272	16.3069	\$4,435	\$1,286
10097	Active	41	57	62	16	\$8,114	1	0.9334	\$8,114	\$4,170	16.3069	\$256	\$351	4.8296	\$1,695	\$6,419
												<u>-</u>	\$6,857		-	\$74,280

ID/	Employment	Gender	Years	Retirement	Age	Years of	Premium	Medicare	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Year	Status		Employed	Age		Benefit		Premium										
									\$105%	\$110%	\$116%	\$122%	\$128%	\$134%	\$141%	\$148%	\$155%	\$163%
10071	Active	F	19	62	54	11	2641	1									\$4,094	\$4,305
10084	Active	F	16	62	40	25	2641	1									1 //	
28704	Active	F	2	62	27	55	2641	1										
28705	Active	F	1	62	33	32	2641	1										
10079	Active	F	8	62	37	28	2641	1										
10075	Active	F	20	62	59	6	2641	1				\$3,222	\$3,380	\$3,539	\$1			
19540	Active	F	22	62	53	12	2641	1										\$4,305
10095	Active	F	13	62	35	30	2641	1										
10077	Active	M	21	62	47	18	2641	1										
10078	Active	F	17	62	61	4	2641	1		\$2,905	\$3,064	\$3,222	\$1					
10083	Active	F	8	62	31	34	2641	1										
10081	Active	F	20	62	51	14	2641	1										
19541	Active	M	3	62	33	32	2641	1										
10082	Active	F	9	62	52	13	2641	1										
10085	Active	F	23	62	48	17	2641	1										
10087	Active	F	22	62	46	19	2641	1										
10088	Active	F	19	62	65	20	2641	1	\$1	\$1	\$1	\$1	\$1	\$1	\$1	\$1	\$2	\$2
10089	Active	F	9	62	37	28	2641	1										
19542	Active	F	3	62	28	37	2641	1										
10091	Active	F	20	62	58	7	2641	1					\$3,380	\$3,539	\$3,724	\$1		
10092	Active	F	15	62	40	25	2641	1										
10093	Active	F	9	62	36	29	2641	1										
10094	Active	F	10	62	38	27	2641	1										
10096	Active	M	10	62	41	24	2641	1										
10097	Active	F	16	62	57	8	2641	1						\$3,539	\$3,724	\$3,909	\$2	

ID / Year	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046
	\$171%	\$180%	\$189%	\$198%	\$208%	\$218%	\$229%	\$241%	\$253%	\$265%	\$279%	\$293%	\$307%	\$323%	\$339%	\$356%	\$373%	\$392%
10071	\$4,516	\$2																
10084 28704	, ,= -	,											\$8,108	\$8,530	\$8,953	\$4		
28705 10079																\$9,402	\$9,851	\$10,353
10075 19540	\$4,516	\$4,754	\$2													-		
10095 10077	\$ 1)O TO	<i>\$177.</i> 01	ψ±			\$5,757	\$6,048	\$6,365	\$3									\$10,353
10078 10083						ψομ.σ.	\$0,010	\$0,000	ų0									
10081 19541		\$4,754	\$4,991	\$5,229	\$2													
10082 10085	\$4,516	\$4,754	\$4,991	\$2	\$5,493	\$5,757	\$6,048	\$2										
10087	\$2	\$2	\$2	\$2	\$3,493	\$3,737	\$6,048 \$2	\$6,365 \$2	\$6,682 \$3	\$3 \$3	\$3							
10088 10089 19542	\$2	\$2	<u>\$</u> 2	\$2	<u>\$</u> 2	\$2	\$2	\$2	\$3	\$3	\$3					\$9,402	\$9,851	\$10,353
10091 10092													\$8,108	\$8,530	\$8,953	\$4		
10092 10093 10094													ψ0,100	φο,σσο	\$8,953	\$9,402	\$9,851 \$9,851	\$10,353 \$4
10094 10096 10097												\$7,738	\$8,108	\$8,530	\$3	ψ2,302	ψ2,031	

ID/	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064
Year																		
	\$412%	\$432%	\$454%	\$476%	\$500%	\$525%	\$552%	\$579%	\$608%	\$639%	\$670%	\$704%	\$739%	\$776%	\$815%	\$856%	\$899%	\$943%
10071																		
10084																		
28704								\$15,291	\$16,057	\$16,876	\$7	\$7	\$7	\$8	\$8	\$9	\$9	\$9
28705		\$11,409	\$11,990	\$12,571	\$5													
10079	\$4																	
10075																		
19540																		
10095	\$10,881	\$11,409	\$5															
10077																		
10078																		
10083				\$12,571	\$13,205	\$13,865	\$6											
10081																		
19541		\$11,409	\$11,990	\$12,571	\$5													
10082																		
10085																		
10087																		
10088																		
10089	\$4																	
19542							\$14,578	\$15,291	\$16,057	\$6								
10091																		
10092																		
10093	\$10,881	\$4																
10094																		

10096 10097

ID / Year	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	Total	Present Value of
																Benefits
	\$991%	\$1,040%	\$1,092%	\$1,147%	\$1,204%	\$1,264%	\$1,327%	\$1,394%	\$1,464%	\$1,537%	\$1,614%	\$1,694%	\$1,779%	\$1,868%		
0071															\$12,917	\$8,889
0084															\$25,595	\$10,449
3704	\$10	\$10	\$11	\$11	\$12	\$13	\$13	\$14	\$15	\$15					\$48,412	\$12,155
3705															\$35,975	\$11,312
0079															\$29,610	\$10,809
0075															\$10,142	\$8,411
9540															\$13,577	\$9,001
0095															\$32,648	\$11,061
0077															\$18,173	\$9,632
0078															\$9,192	\$8,212
0083															\$39,647	\$11,571
0081															\$14,976	\$9,215
9541															\$35,975	\$11,312
0082															\$14,263	\$9,110
0085															\$17,300	\$9,518
0087															\$19,098	\$9,752
0088															\$37	\$23
0089															\$29,610	\$10,809
9542															\$45,932	\$11,986
0091															\$10,644	\$8,503
0092															\$25,595	\$10,449
0093															\$31,089	\$10,933
0094															\$28,210	\$10,689
0096															\$24,379	\$10,331
0097															\$11,174	\$8,600

ARC using the Entry Age Cost Method (Default Assumptions) Little Compton - Certified For the Fiscal Year 2019

Employee	Status	Entry Age	Employee	Assumed	Years of	Present	Probability	Probability	Present	Entry Age	PV factor	Normal	Normal	PV factor	PV of	AAL
ID			Age	Retirement	Past	Value of	of	of	Value	Probability-	of \$1 per	Cost at	Cost at	of \$1 per	future	
				Age	Service	Total	remaining	remaining	adjusted	Adjusted	year from	Entry Age	Current	year from	normal cost	
						Benefits	employed	employed	for		Entry age		Age	current age		
							Current	Entry Age	probability		to Ret Age			to		
							Age to	to	of being					retirement		
							Retirement	Retirement	paid							
10071	Active	35	54	62	19	\$8,889	1	0.9719	\$8,889	\$4,253	17.7289	\$240	\$350	7.5309	\$2,636	\$6,253
10084	Active	24	40	62	16	\$10,449	0.9334	0.9164	\$9,753	\$5,272	17.0241	\$310	\$426	16.3069	\$6,947	\$2,806
28704	Active	25	27	62	2	\$12,155	0.2391	0.2391	\$2,906	\$2,697	17.7289	\$152	\$158	17.7289	\$2,801	\$105
28705	Active	32	33	62	1	\$11,312	0.2028	0.2028	\$2,294	\$2,210	18.4214	\$120	\$122	18.4214	\$2,247	\$47
10079	Active	29	37	62	8	\$10,809	0.6803	0.6457	\$7,353	\$5,179	18.4214	\$281	\$329	17.7289	\$5,833	\$1,520
10075	Active	39	59	62	20	\$8,411	1	0.9868	\$8,411	\$3,937	17.0241	\$231	\$343	2.9483	\$1,011	\$7,400
19540	Active	31	53	62	22	\$9,001	1	1	\$9,001	\$3,962	18.4214	\$215	\$332	8.4003	\$2,789	\$6,212
10095	Active	22	35	62	13	\$11,061	0.8432	0.8326	\$9,327	\$5,671	16.3069	\$348	\$450	17.7289	\$7,978	\$1,349
10077	Active	26	47	62	21	\$9,632	1	1	\$9,632	\$4,401	17.7289	\$248	\$376	12.5264	\$4,710	\$4,922
10078	Active	44	61	62	17	\$8,212	1	0.9493	\$8,212	\$4,135	14.8342	\$279	\$391	1.0000	\$391	\$7,821
10083	Active	23	31	62	8	\$11,571	0.6352	0.6457	\$7,350	\$5,544	17.0241	\$326	\$382	18.4214	\$7,037	\$313
10081	Active	31	51	62	20	\$9,215	1	0.9868	\$9,215	\$4,313	18.4214	\$234	\$348	10.0942	\$3,513	\$5,702
19541	Active	30	33	62	3	\$11,312	0.4257	0.4257	\$4,816	\$4,306	18.4214	\$234	\$248	18.4214	\$4,569	\$247
10082	Active	43	52	62	9	\$9,110	1	0.7802	\$9,110	\$5,081	14.8342	\$343	\$410	9.2547	\$3,794	\$5,316
10085	Active	25	48	62	23	\$9,518	1	1	\$9,518	\$4,037	17.7289	\$228	\$360	12.5264	\$4,510	\$5,008
10087	Active	24	46	62	22	\$9,752	1	1	\$9,752	\$4,293	17.0241	\$252	\$390	13.3092	\$5,191	\$4,561
10088	Active	46	65	62	19	\$23	1	0.9848	\$23	\$11	13.3092	\$1	\$1	0.0000	0	\$23
10089	Active	28	37	62	9	\$10,809	0.7188	0.695	\$7,770	\$5,370	18.4214	\$292	\$349	17.7289	\$6,187	\$1,583
19542	Active	25	28	62	3	\$11,986	0.3274	0.3274	\$3,924	\$3,509	17.7289	\$198	\$210	18.4214	\$3,868	\$56
10091	Active	38	58	62	20	\$8,503	1	0.9868	\$8,503	\$3,980	17.0241	\$234	\$348	3.8972	\$1,356	\$7,147
10092	Active	25	40	62	15	\$10,449	0.9164	0.8893	\$9,575	\$5,311	17.7289	\$300	\$404	16.3069	\$6,588	\$2,987
10093	Active	27	36	62	9	\$10,933	0.7188	0.695	\$7,859	\$5,432	17.7289	\$306	\$366	17.7289	\$6,489	\$1,370
10094	Active	28	38	62	10	\$10,689	0.7555	0.7403	\$8,076	\$5,450	18.4214	\$296	\$361	17.0241	\$6,146	\$1,930
10096	Active	31	41	62	10	\$10,331	0.6841	0.7145	\$7,067	\$5,084	18.4214	\$276	\$336	16.3069	\$5,479	\$1,588
10097	Active	41	57	62	16	\$8,600	1	0.9334	\$8,600	\$4,420	16.3069	\$271	\$372	4.8296	\$1,797	\$6,803
												_	\$8,162		-	\$83,069