

Paul F. Arnold

STATE OF ALASKA
PUBLIC EMPLOYEES' RETIREMENT SYSTEM

Actuarial Valuation
as of
January 1, 1979

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Benefit Services / Consulting Actuaries

SUMMARY

In accordance with your request, we have completed a valuation of the Alaska Public Employees' Retirement System as of January 1, 1979.

The principal results of the actuarial valuation are presented in this summary and analysis; the two sections which follow are meant to provide the necessary supporting details.

Section 1 presents the fundamental information on which the valuation was based. Included is a summary of plan provisions, information about plan participants, and disclosure of the actuarial method and assumptions used.

Section 2 presents the detailed actuarial valuation results. Its subsections present a step-by-step derivation of the recommended contribution. In addition, information requested by the auditors of the Retirement System is presented.

The purposes of an actuarial valuation are:

1. To examine the status of funding of the Plan, and
2. To determine the contribution rates for the State for each political subdivision in the System.

The most significant results of the valuation are as follows:

	<u>1978</u>	<u>1979</u>
(1) Status of Funding as of January 1		
(a) Valuation Assets	\$218,748,056	\$275,268,562
(b) Present Value of Accrued Benefits	316,421,966	403,677,172
(c) Accrued Benefit Funding Ratio	69.1%	68.2%
(2) Contributions For Fiscal Year	<u>1979-80</u>	<u>1980-81</u>
(a) Average Contribution Rate Before Medical Insurance	11.56%	11.50%
(b) Rate For Medical Insurance	.40%	1.53%
(c) Average Total Contribution Rate	11.96%	13.03%

In preparing this valuation, we have employed generally accepted actuarial methods and assumptions, in conjunction with employee data provided to us, to determine a sound value for the Plan liabilities. I certify that, to the best of my knowledge and belief, the attached statements are true and correct.

Respectfully submitted,



Robert F. Richardson, MAAA
Vice President

RFR:jn

October 24, 1979

ANALYSIS OF THE VALUATION

Actuarial Method and Assumptions

This actuarial valuation report is based upon the actuarial methods and assumptions adopted at the Spring Board Meeting of the State of Alaska Public Employees' Retirement System in March 1978 except for one important change. For this report, we have adopted a new method for funding the post-retirement medical insurance which is provided under PERS.

All retirees under PERS continue the same medical insurance coverage as provided for active employees. This medical insurance coverage is provided by Blue Cross of Washington and Alaska. Monthly premiums of \$64.70 for each retiree are taken from the Retired Life Reserve and transferred to Blue Cross to pay for this coverage.

Formerly, the post-retirement medical insurance was funded with a contribution of .40% of pay. In prior years, this amount was slightly more than sufficient to provide the "pay-as-you-go" cost of retirees' medical insurance. For several reasons, the cost of providing medical insurance to retirees has increased substantially. Some of these reasons are:

- (1) The number of retirees has increased dramatically in the last few years, more than doubling from 941 on January 1, 1976 to 2,019 as of January 1, 1979.
- (2) The average age of retirees has been decreasing. Due to coverage provided by Medicare, costs for providing medical

benefits to retirees who are over age 65 is significantly less than the cost for providing medical insurance to retirees under age 65. Therefore, as the proportion of retirees under age 65 has been increasing, medical costs have also been increasing.

- (3) Medical costs have been increasing over the last several years. As we are all aware, medical costs have increased even more than inflation in the entire economy.

For the above reasons, the .40% of pay factor which was formerly sufficient to provide pay-as-you-go medical costs is no longer sufficient. Perhaps most importantly, it is not prudent to fund this type of benefit on a pay-as-you-go basis. The post-retirement medical benefits which are provided under PERS should be funded utilizing the same methodology as other retirement benefits. In other words, assets should be accumulated during the working years in order to provide benefits in the retirement years.

Therefore, using the same actuarial method as adopted for funding all other benefits under PERS, we have developed a level percentage of pay cost to fund post-retirement medical benefits. As with other benefit costs, some of this cost represents a "normal cost" portion while the remainder represents a 25-year funding of past service liabilities. For example, all employees who are vested and all present retirees have a non-forfeitable right to post-retirement medical insurance provided under PERS. This unfunded liability is being

amortized with level payments over 25 years in the same fashion as other unfunded accrued liabilities of the plan. In similar fashion, the cost for post-retirement medical insurance for those who are not yet vested has been taken into consideration in the total "normal cost" calculation.

In summary, this change in methodology from pay-as-you-go funding to full actuarial funding puts the post-retirement medical insurance provisions on the same footing as all other benefits under PERS. However, it should be pointed out that even this proposed contribution rate for medical insurance will not be sufficient if medical care costs continue to increase at a rate faster than salary increases. We realize that health care costs for several decades have been increasing faster than salaries. However, can health care costs, which now amount to about 9% of the gross national product in the United States, continue to increase to a much higher level? Furthermore, will national health insurance shift the responsibility for funding this benefit? In consideration of all of the above, we believe that the method adopted in this actuarial valuation report is the most realistic one to be used for funding post-retirement medical insurance under PERS.

Actuarial Experience During 1978

As can be seen in the prior summary, the accrued benefit funding ratio decreased slightly from 69.1% to 68.2%. This decrease is solely attributable to the change in methodology in funding post-

retirement medical insurance. Utilizing the former methodology, which ignored the accrued liability to provide this medical insurance, the funding ratio on January 1, 1979 would have been approximately 74%. Therefore, utilizing consistent methodology, PERS would have shown a healthy increase in this accrued benefit funding ratio for the second year in a row. In other words, actuarial gains have been greater than actuarial losses during 1978.

As can be seen in Section 1.2 of this report, the number of active members increased by almost 1,200 employees during 1978. While average age and average service has remained quite stable over the past four years, average annual salaries continue to increase. In fact, the increase in average annual salary was 5.8% during the year which was only very slightly higher than our assumed salary increase assumption. Consequently, actuarial losses from salary increases were quite small during 1978. On the other hand, the investment performance of your plan was significantly greater than the actuarial interest assumption of 6%. Therefore, there were large gains from investment sources which more than offset the actuarial losses from salaries.

As the prior summary shows, the average contribution rate actually decreased from 11.56% to 11.50% if the cost of medical insurance is ignored. However, the change in funding methodology for medical insurance resulted in a large increase in the total average contribution rate from 11.96% to 13.03%.

Retirement Statistics

In this report we have included, for the first time, several statistics pertaining to retirements for the last several years. Section 1.3(a) includes retirement statistics for all "other" members of PERS for calendar year 1974 through 1978. Section 1.3(b) includes the same statistics for all "police and fire" members of PERS. These retirement statistics are further broken down as to type of retirement; for example: normal, early, disability or survivor benefits. While these two sections contain a wealth of material, a few points are especially worth mentioning.

- (1) The number of retirements has decreased significantly in the last two years, from 403 in 1976 to only 338 in 1978. This trend has been seen in other retirement systems around the country. It is believed that the very high level of inflation during the last two years has caused people to put off retirement. So doing not only provides them with a full salary to meet their immediate expenses, but also increases the ultimate retirement benefit.
- (2) The average age at normal retirement has decreased steadily from 61.59 in 1975 to 60.52 in 1978. This statistic appears to be somewhat in conflict with the finding that the number of retirees is decreasing. It appears that the decrease in number of retirees is occurring at the later ages - not proportionately at all ages.

- (3) The average monthly benefit for retirements under all categories has increased significantly over the last five years. As Section 1.3(a) shows, the average retirement benefit for all retirees increased from \$351.61 in 1974 to \$600.46 in 1978.
- (4) While there is very little data to support the conclusion, the decrease in the number of disability retirements during 1978 was dramatic. From 1974 through 1977 there was an average of nine disabilities per year, while there were only four disabilities during 1978. This decrease in disabilities occurred even though there has been a steady increase in the number of active PERS members. We will, of course, watch this development closely. However, it is possible that the change in criteria for determining disability which became effective on July 1, 1978 has significantly reduced the number of applications for disability retirement. As you will recall, after receiving disability benefits for one year, the disabled person must now be entitled to Social Security Benefits in order to continue disability payments under PERS.

Conclusions

It is our conclusion that the State of Alaska Public Employees' Retirement System is being funded in a satisfactory manner. The adoption of a full funding method for post-retirement medical insurance rather than using pay-as-you-go funding for this benefit was a prudent decision.

SECTION 1

THE BASIS OF THE VALUATION

The foundation of an actuarial valuation is the information and assumptions used in preparing it. In this section, the salient Plan provisions, employee census data, and actuarial methods and assumptions used in preparing the valuation are outlined.

1.1 BRIEF OUTLINE OF THE
ALASKA PUBLIC EMPLOYEES' RETIREMENT SYSTEM

(1) Effective Date

January 1, 1961, with amendments through July 1978.

(2) Administration of Plan

The Commissioner of Administration is responsible for administration of the System, Public Employees' Retirement Board adopts rules and regulations to carry out provisions of the Act, and Commissioner of Revenue invests the Fund. The Attorney General is the attorney for the System and represents it in legal proceedings.

(3) Employers Included

State of Alaska and any political subdivisions and public or quasi-public organizations thereof. As of January 1, 1978, there were 70 participating employer groups in addition to the State for which separate contribution rates are determined.

(4) Employees Included

All permanent full-time or part-time employees of the State and participating political subdivisions, exclusive of those covered by the Alaska Teachers' Retirement System, the Alaska Judges' System, or any employee on whose behalf the State is making contributions to another Retirement System. Elected officials may elect to participate at their option.

(5) Service Considered

Future:

The later of hire, 1/1/61, or date of employers' participation in the System, to date of termination, death, or retirement. Up to 5 years of military service may be recognized if claimed, verified, and appropriate employee contribution paid. Permanent part-time employees receive service credit on a pro-rata basis.

Past:

Service credit for all service with State and Territory prior to January 1, 1961, if the employee completed three years of service after January 1, 1961. Elected official has past service credit only if he pays contributions for all of his service after January 1, 1961. Service with political subdivision prior to its participation in the System is included at the option of the political subdivision.

Break in Future Service:

Any termination. But if employee returns and makes contribution equal to refund paid plus interest, the service before the break is reinstated.

(6) Average Monthly Compensation

Total compensation during three consecutive calendar years of credited service which yield the highest average monthly compensation (total compensation during period divided by number of months included).

Type:

Life only with optional joint and survivor benefit
(actuarially reduced).

Amount:

2% of Average Monthly Compensation for each year of
service - Other.

2% of Average Monthly Compensation for the first 10
years of service plus 2 1/2% for years of service in
excess of 10 - Police & Fire.

(10) Early Retirement Benefit

Eligibility:

Age 50 and 5 or more years Credited Service - all employees.

Type:

Life only.

Amount:

Actuarial equivalent of Normal Retirement Benefit based on
service and compensation to Early Retirement Date.

(11) Deferred Vested Benefit

Eligibility:

Five or more years of Credited Service, withdrawal of
employee contributions voids vested rights.

Type:

Life only or joint and survivor benefit (actuarially
reduced).

Amount:

Monthly benefit begins on employee's Normal Retirement Date.

Amount determined the same as Normal Retirement Benefit taking into account compensation and service prior to termination.

(12) Disability Benefit

Occupational Disability:

Eligibility:

No age or service requirements.

Type:

Monthly benefit payable until death, recovery, or normal retirement.

Amount:

40% of gross monthly compensation at date of disability.

The benefit terminates at Normal Retirement Date with full Normal Retirement Benefit commencing at that point.

Non-Occupational Disability:

Eligibility:

Five or more years of Credited Service.

Type:

Monthly benefit payable until death, recovery, or normal retirement.

Amount:

Same as vested benefit except payments commence immediately.

(13) Death Benefit Before Retirement

Occupational:

No age or service requirements.

Benefit: 40% of gross monthly compensation at date of death or disability, if earlier. At participant's Normal Retirement Date, benefit converts to Normal Retirement benefit based on pay at date of disability or death and credited service, including period from date of disability or death to Normal Retirement Date.

Non-Occupational:

If no widow's benefit is payable, lump-sum death benefit of \$1,000 plus \$100 per each completed year of Credited Service and the participant's contributions with interest. Alternatively, an income benefit is available at death after five years of Credited Service based on 50% Joint and Survivor equivalent of accrued Normal Retirement Benefit.

(14) Death Benefits After Retirement

The employee's beneficiary receives a lump sum equal to the excess of his contribution account immediately prior to retirement over the sum of the pension payments previously received by the employee.

(15) Post-Retirement Pension Adjustment

Commissioner of Administration may recommend post-retirement increases on account of increasing cost of living up to 4% each year.

(16) Cost-of-Living Allowance

A retired employee who remains in Alaska is eligible for an additional allowance, equal to 10% of his basic retirement benefit, or \$50 per month, whichever is greater.

(17) Optional Employee Savings Account

An employee can voluntarily contribute up to 5% of his compensation. This amount is recorded in a separate account and is payable:

- (a) In the event of termination before retirement for any reason other than death, as a lump sum to the employee,
- (b) In the event of termination on account of death, as a lump sum to the employee's beneficiary,
- (c) On retirement, as a lump sum, life annuity on cash refund basis or installments over limited period.

1.2 MISCELLANEOUS INFORMATION

AS OF JANUARY 1

Active Members

	<u>1976</u>	<u>1977</u>	<u>1978</u>	<u>1979</u>
(1) Number	13,789	14,804	16,623	17,807
(2) Average Age	37.70	37.29	37.11	37.15
(3) Average Service	4.34	4.48	4.48	4.65
(4) Average Annual Salary	\$16,535	\$18,232	\$20,559	\$21,753

Retirees and Beneficiaries

(1) Number	941	1,339	1,683	2,019
(2) Average Age	64.04	63.38	62.82	62.94
(3) Average Monthly Benefit				
Base	\$ 309	\$ 379	\$ 427	\$ 454
COLA	33	34	37	37
PRPA	4	3	34	28
TOTAL	346	416	498	519

----- ANNUAL EARNINGS BY AGE-----		----- ANNUAL EARNINGS BY SERVICE-----	
AGE GROUP	NUMBER OF PEOPLE	TOTAL ANNUAL EARNINGS	AVERAGE ANNUAL EARNINGS
0-19	262	3061226.	11684.
20-24	1958	30492552.	15573.
25-29	3393	65390560.	19272.
30-34	3469	76507672.	22055.
35-39	2440	58176588.	23843.
40-44	1866	45435584.	24349.
45-49	1653	40644132.	24588.
50-54	1291	32226378.	24962.
55-59	871	21189830.	24328.
60-64	449	10744152.	23929.
65-69	130	3006760.	23129.
70-74	22	412174.	18735.
75-79	3	65233.	21744.
80+	0	0.	0.
TOTAL	17807	387352832.	21753.

SERVICE GROUPS BY AGE GROUPS

AGE GROUP	S E R V I C E G R O U P										TOTAL
	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40+		
0-19	262	0	0	0	0	0	0	0	0	0	262
20-24	1926	32	0	0	0	0	0	0	0	0	1958
25-29	3010	379	3	1	0	0	0	0	0	0	3393
30-34	2604	701	160	4	0	0	0	0	0	0	3469
35-39	1497	595	273	74	1	0	0	0	0	0	2440
40-44	1048	397	215	179	26	0	0	0	0	0	1866
45-49	830	328	244	155	84	0	0	0	0	0	1653
50-54	537	310	219	154	50	3	0	0	0	0	1291
55-59	371	216	160	75	32	4	3	0	0	0	871
60-64	173	106	79	53	24	2	1	0	0	0	449
65-69	50	35	26	12	3	2	0	0	0	0	130
70-74	11	7	4	0	0	0	0	0	0	0	22
75-79	1	1	0	1	0	0	0	0	0	0	3
80+	0	0	0	0	0	0	0	0	0	0	0
TOTAL	12320	3101	1383	708	220	11	4	0	0	0	17807

1.3(a) RETIREMENT STATISTICS

ONLY FOR "OTHER" MEMBERS

	Retirements During				
	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>
<u>Normal:</u>					
Number	176	231	315	282	249
Average Age	63.65	61.59	61.23	60.45	60.52
Ave. Benefit	\$351.12	\$346.95	\$500.27	\$632.42	\$638.46
<u>Early:</u>					
Number	--	22	64	72	73
Average Age	--	52.57	52.54	52.40	52.26
Ave. Benefit	--	\$340.19	\$512.47	\$604.90	\$506.73
<u>Disability:</u>					
Number	12	7	8	11	4
Average Age	56.02	47.55	51.85	47.81	50.03
Ave. Benefit	\$393.78	\$512.39	\$406.10	\$742.06	\$842.24
<u>Survivor:</u>					
Number	7	10	16	19	12
Average Age	49.28	57.79	57.71	49.31	53.02
Ave. Benefit	\$291.80	\$256.74	\$216.22	\$263.00	\$301.61
<u>Total:</u>					
Number	195	270	403	384	338
Average Age	62.67	60.35	59.53	58.03	58.35
Ave. Benefit	\$351.61	\$390.12	\$489.06	\$612.12	\$600.46

1.3(b) RETIREMENT STATISTICS
 ONLY FOR POLICE AND FIRE MEMBERS

	Retirements During				
	<u>1974</u>	<u>1975</u>	<u>1976</u>	<u>1977</u>	<u>1978</u>
<u>Normal:</u>					
Number	2	4	11	11	19
Average Age	53.89	50.14	61.28	53.21	53.78
Ave. Benefit	\$539.95	\$937.49	\$753.29	\$1,275.54	\$1,122.59
<u>Early:</u>					
Number	--	--	--	--	--
Average Age	--	--	--	--	--
Ave. Benefit	--	--	--	--	--
<u>Disability:</u>					
Number	3	3	3	1	1
Average Age	41.40	45.96	40.54	49.32	49.50
Ave. Benefit	\$617.68	\$1,048.01	\$1,019.91	\$876.80	\$243.67
<u>Survivor:</u>					
Number	4	5	1	--	1
Average Age	69.36	36.07	23.41	--	48.67
Ave. Benefit	\$345.56	\$788.80	\$671.32	--	\$752.32
<u>Total:</u>					
Number	9	12	15	12	21
Average Age	56.60	43.23	54.60	52.86	53.33
Ave. Benefit	\$479.46	\$903.17	\$801.15	\$1,239.29	\$1,063.11

1.4 ACTUARIAL METHOD AND ASSUMPTIONS

Valuation of Liabilities

- A. Actuarial Method - Attained Age Normal, also known as Aggregate Method with Supplemental Liability. The unfunded accrued benefit liability is amortized over 25 years.
- B. Actuarial Assumptions -
1. Interest 6% per year, compounded annually, net of investment expenses.
 2. Salary Scale 6% per year until age 39 and 5% per year for ages 40 and up.
 3. Mortality 1971 Group Annuity Mortality Table.
 4. Turnover Based upon the 1976 actual total turnover experience. (See Table 1).
 5. Disability Incidence rates in accordance with Table 2. Post-disability mortality in accordance with rates published by the Pension Benefit Guaranty Corporation to reflect mortality of those receiving disability benefits under Social Security. 94% of the disabilities are assumed to be occupational for police and fire; 28% for others.
 6. Retirement Age The average of age 60 and the earliest age for which unreduced retirement benefits will be available.
 7. Spouse's Age Wives are assumed to be four years younger than husbands.
 8. Contribution Refunds 89% of those terminating before age 50 with 5 to 10 years of service will leave their contributions and thereby retain their deferred vested benefit. All others who terminate after becoming vested are assumed to keep their contributions in the System.
 9. C.O.L.A. 60% of those receiving retirement benefits will be eligible for C.O.L.A.

William M. Mercer, Incorporated

- | | |
|--------------------|---|
| 10. Personal Leave | 4.7 days of unused personal leave will be available for each year of service. |
| 11. Expenses | No loading for expenses. |

Valuation of Assets

Based upon the three-year average ratio between market and book values of the System's assets.

Valuation of Medical Benefits

Medical benefits for retirees are provided by the payment of premiums from the trust fund. A pre-65 cost and lower post-65 cost (due to Medicare) were assumed such that the total rate for all retirees equals the present premium rate. These medical premiums are then funded with the same actuarial method as other retirement benefits.

TABLE 1
EMPLOYEE TURNOVER ASSUMPTIONS

<u>Age</u>	<u>Male</u>	<u>Female</u>
20	.3274	.3753
21	.3175	.3710
22	.3076	.3668
23	.2588	.3420
24	.2100	.3180
25	.1750	.2950
26	.1400	.2733
27	.1050	.2516
28	.1043	.2437
29	.1037	.2358
30	.1031	.2280
31	.1025	.2202
32	.1019	.2124
33	.1016	.2043
34	.1013	.1962
35	.1010	.1881
36	.1007	.1800
37	.1004	.1719
38	.0957	.1679
39	.0910	.1639
40	.0863	.1600
41	.0816	.1561
42	.0766	.1522
43	.0753	.1453
44	.0740	.1384
45	.0727	.1315
46	.0714	.1246
47	.0700	.1179
48	.0767	.1150
49	.0834	.1120
50	.0901	.1090
51	.0968	.1060
52	.1037	.1031
53	.1070	.1050
54	.1085	.1069
55	.1100	.1088
56	.1115	.1107
57	.1130	.1126
58	.1135	.1145
59	.1140	.1164
60 and up	.1145	.1183

TABLE 2
PUBLIC EMPLOYEES' RETIREMENT SYSTEM
OF ALASKA

Disability Rates

All Employees

Annual Rates Per 1,000 Employees

<u>Age</u>	<u>Rate</u>	<u>Age</u>	<u>Rate</u>
20	.70	45	1.62
21	.71	46	1.76
22	.72	47	1.91
23	.73	48	2.07
24	.74	49	2.23
25	.75	50	2.40
26	.76	51	2.60
27	.78	52	2.86
28	.80	53	3.18
29	.82	54	3.55
30	.84	55	4.00
31	.86	56	4.59
32	.88	57	5.34
33	.90	58	6.10
34	.93	59	7.20
35	.96	60	8.43
36	.99	61	9.75
37	1.03	62	11.30
38	1.07	63	13.05
39	1.11	64	14.90
40	1.15		
41	1.20		
42	1.27		
43	1.36		
44	1.48		

SECTION 2
DETAILED VALUATION RESULTS

This section presents in detail the results of the actuarial valuation that were outlined in the Summary.

2.1 DEVELOPMENT OF VALUATION ASSETS

AS OF JANUARY 1, 1979

	<u>Market Value</u>	<u>Book Value</u>	<u>Ratio (M/B)</u>
(1) January 1, 1979	\$262,847,836	\$277,153,204	.9484
(2) January 1, 1978	\$218,022,012	\$217,789,781	1.0011
(3) January 1, 1977	\$169,378,688	\$164,408,624	1.0302
(4) Average Ratio			.9932
(5) Book Value at January 1, 1979			\$277,153,204
(6) Valuation Assets at January 1, 1979 (4) x (5)			\$275,268,562

2.2 BREAKDOWN OF PRESENT VALUE
OF BENEFITS

	<u>Present Value of Accrued Benefit</u>	<u>Present Value of Fully Projected Benefit</u>
Retirement Benefits	\$122,913,297	\$306,093,383
Termination Benefits	94,279,808	267,409,680
Disability Benefits	4,836,094	11,025,371
Death Benefits	11,628,294	24,689,787
Voluntary Contributions	206,534	206,534
Medical Benefits	16,234,459	40,586,148
Liability for Inactive Members	<u>21,356,412</u>	<u>21,356,412</u>
 Total Present Value of Benefits for all Non-Retired Members	 <u>\$271,454,898</u>	 <u>\$671,367,315</u>
 Present Value of Benefits for Retirees	 <u>\$135,480,004</u>	 <u>\$135,480,004</u>
 Total Present Value of Benefits	 <u>\$406,934,902</u>	 <u>\$806,847,319</u>

2.3 DEVELOPMENT OF CONSOLIDATED
EMPLOYER CONTRIBUTION RATE
FOR FISCAL YEAR 1980-81

TOTAL PERS SYSTEM

(1) Present Value of Fully Projected Benefits	\$806,847,319
(2) Present Value of Accrued Benefits	406,934,902
(3) Present Value of Future Member Contributions	108,224,746
(4) Present Value of Future Consolidated Employer Contributions (1) - (2) - (3)	291,687,671
(5) Present Value of Future Salaries	2,777,733,457
(6) Consolidated Employer Contribution Rate for All Members (4) ÷ (5)	10.50%

2.3(a) DEVELOPMENT OF CONSOLIDATED
EMPLOYER CONTRIBUTION RATE
FOR FISCAL YEAR 1980-81
ONLY FOR POLICE AND FIRE MEMBERS

Total PERS System

(1) Present Value of Fully Projected Benefits	\$110,131,073
(2) Present Value of Accrued Benefits	44,926,973
(3) Present Value of Future Member Contributions	17,303,492
(4) Present Value of Future Consolidated Employer Contributions (1) - (2) - (3)	47,900,608
(5) Present Value of Future Salaries	310,501,740
(6) Consolidated Employer Contribution Rate For Police and Fire Members	15.43%

2.3(b) DEVELOPMENT OF CONSOLIDATED
EMPLOYER CONTRIBUTION RATE
FOR FISCAL YEAR 1980-81
ONLY FOR "OTHER"* MEMBERS

Form PERS System

(1) Present Value of Fully Projected Benefits	\$696,716,246
(2) Present Value of Accrued Benefits	362,017,929
(3) Present Value of Future Member Contributions	90,921,254
(4) Present Value of Future Consolidated Employer Contributions (1) - (2) - (3)	243,777,063
(5) Present Value of Future Salaries	2,467,231,717
(6) Consolidated Employer Contribution Rate For "Other" Members	9.88%

* "Other" excludes police and fire members and includes elected officials and all remaining employees.

2.4 CALCULATION OF TOTAL CONTRIBUTION RATES
FOR FISCAL YEAR 1980-81

TOTAL PERS System

(1) Present Value of Accrued Benefits	\$406,934,902
(2) Assets	275,268,562
(3) Total Unfunded Liability	131,666,340
(4) 25-Year Amortization Factor	13.550358
(5) Past Service Payment	9,716,816
(6) Total Salaries	383,654,244
(7) Average Past Service Rate	2.53%
(8) Consolidated Rate	10.50%
(9) Average Total Contribution Rate	13.03%

2.4(a) CALCULATION OF TOTAL CONTRIBUTION RATES
FOR FISCAL YEAR 1980-81
ONLY FOR POLICE AND FIRE MEMBERS

TOTAL PERS System

(1) Present Value of Accrued Benefits	\$44,926,973
(2) Valuation Assets	30,390,569*
(3) Total Unfunded Liability	14,536,404
(4) 25-Year Amortization Factor	13.550358
(5) Past Service Payment	1,072,769
(6) Total Salaries	42,885,796
(7) Past Service Rate	2.50%
(8) Consolidated Rate	15.43%
(9) Total Contribution Rate	17.93%

* Pro-rating assets over present value of accrued benefits.

2.4(b) CALCULATION OF TOTAL CONTRIBUTION RATES
FOR FISCAL YEAR 1980-81
ONLY FOR "OTHER" MEMBERS

TOTAL PERS SYSTEM

(1) Present Value of Accrued Benefits	\$362,017,929
(2) Valuation Assets	244,877,993*
(3) Total Unfunded Liability	117,139,936
(4) 25-Year Amortization Factor	13.550358
(5) Past Service Payment	8,644,785
(6) Total Salaries	340,768,448
(7) Past Service Rate	2.54%
(8) Consolidated Rate	9.88%
(9) Total Contribution Rate	12.42%

* Pro-rating assets over present value of accrued benefits.

STATE OF ALASKA - P.E.K.S. CONTRIBUTION RATES
 FOR THE FISCAL YEAR STARTING JULY 1, 1980
 BASED UPON A 25-YEAR AMORTIZATION OF THE UNFUNDED LIABILITY

	ACCRUED LIABILITY	ADJUSTED ASSETS	UNFUNDED LIABILITY	ANNUAL EARNINGS	CONSOL. RATE	PAST SRV RATE	TOTAL RATE	RATE GROUP
1 STATE OF ALASKA	169224774.	85999628.	83225146.	206899798.	10.50	2.97	13.47	
2 SOUTH WEST REGION SCHOOL DISTRICT	170495.	153254.	17241.	1106025.	10.50	0.12	10.62	
3 ANNETTE ISLAND SCHOOL DISTRICT	90049.	77167.	12882.	245917.	10.50	0.39	10.89	
4 BERING STRAITS SCHOOL DISTRICT	130305.	124320.	5985.	731965.	10.50	0.06	10.56	
5 CHATHAM SCHOOL DISTRICT	57815.	29573.	28242.	93068.	10.50	2.24	12.74	
6 ALASKA MUNICIPAL LEAGUE	51333.	-59167.	110500.	73200.	10.50	11.14	21.64	
7 VALDEZ, CITY OF	596557.	211593.	384964.	1230338.	10.50	2.31	12.81	
8 JUNEAU BOROUGH SCHOOL DISTRICT	1449377.	594974.	854403.	2829858.	10.50	2.23	12.73	
9 MATANUSKA-SUSITNA BOROUGH	707585.	743929.	-36345.	1288769.	10.50	2.11	12.61	1
10 MATANUSKA-SUSITNA SCHOOL	1416084.	481127.	934956.	1853124.	10.50	2.11	12.61	1
11 ANCHORAGE BOROUGH SCHOOL	20248177.	8382228.	11865949.	29269734.	10.50	2.99	13.49	
12 COPPER RIVER SCHOOL DISTRICT	188688.	134752.	53935.	356818.	10.50	1.12	11.62	
13 UNIVERSITY OF ALASKA	11481013.	10062622.	1418391.	22616069.	10.50	0.48	10.98	3
14 FAIRBANKS, CITY OF	119272.	143168.	-23896.	251933.	10.50	-0.70	9.80	
15 KENAI, CITY OF	436784.	791547.	-354763.	1359231.	10.50	-1.93	8.57	
16 NORTH STAR BOROUGH	1421796.	1633915.	-212119.	3812984.	10.50	0.72	11.22	4
17 NORTH STAR BOROUGH SCHOOL DISTRICT	3665605.	2315068.	1350537.	7931943.	10.50	0.72	11.22	4
18 HAILWELL SCHOOL DISTRICT	131392.	58991.	72402.	447317.	10.50	1.19	11.69	
19 UNIVERSITY OF ALASKA - GEO.	1617412.	1436050.	181362.	2060710.	10.50	0.48	10.98	3
20 CITY AND BOROUGH OF SITKA	1579037.	354985.	1224051.	1828498.	10.50	4.03	14.53	5
21 CHUGACH REGIONAL SCHOOL DISTRICT	4833.	30311.	-25477.	51311.	10.50	-3.66	6.84	
22 GATEWAY BOROUGH	305662.	311310.	-5648.	647130.	10.50	-0.06	10.44	
23 SUGDOOTNA, CITY OF	87234.	50611.	36623.	284838.	10.50	0.95	11.45	
24 IDITAROD AREA SCHOOL DISTRICT	40778.	64574.	-23796.	281502.	10.50	-0.62	9.88	
25 KUSPUK SCHOOL DISTRICT	44296.	91137.	-46841.	467042.	10.50	-0.74	9.76	

STATE OF ALASKA - P.E.R.S. CONTRIBUTION RATES
 FOR THE FISCAL YEAR STARTING JULY 1, 1980
 BASED UPON A 25-YEAR AMORTIZATION OF THE UNFUNDED LIABILITY

	ACCRUED LIABILITY	ADJUSTED ASSETS	UNFUNDED LIABILITY	ANNUAL EARNINGS	CONSOL. RATE	PAST SHV RATE	TOTAL RATE	RATE GROUP
26 CITY AND BOROUGH OF JUNEAU	5040094.	6266122.	-1226028.	7623653.	10.50	-1.19	9.31	
• 27 SELAWIK CITY SCHOOL DISTRICT	0.	58849.	0.	0.	10.50	0.00	10.50	
28 KODIAK, CITY OF	1471886.	680286.	791599.	1619693.	10.50	3.61	14.11	
29 FAIRBANKS, CITY OF	6218939.	1485760.	4733179.	8369149.	10.50	4.48	14.98	6
30 FAIRBANKS PUBLIC UTILITIES	2043560.	92154.	1951406.	2650011.	10.50	4.48	14.98	6
32 SKAGWAY, CITY OF	59478.	93824.	-34347.	153405.	10.50	-1.65	8.85	
33 SITKA, BOROUGH SCHOOLS	686154.	323536.	362618.	1077623.	10.50	4.03	14.53	5
35 WRANGELL, CITY OF	485950.	307757.	178193.	735810.	10.50	1.79	12.29	
36 HETHEL, CITY OF	33342.	50009.	-16667.	136254.	10.50	-0.90	9.60	
37 VALDEZ CITY SCHOOLS	174661.	186691.	-12030.	815636.	10.50	-0.11	10.39	
38 HOONAH CITY SCHOOLS	319646.	126050.	193596.	477112.	10.50	2.99	13.49	
39 NOME, CITY OF	69612.	105501.	-35888.	356172.	10.50	-0.74	9.76	
40 KOTZEBUE, CITY OF	56877.	119914.	-63037.	242771.	10.50	-1.92	8.58	
41 GALENA CITY SCHOOLS	19993.	32528.	-12535.	115253.	10.50	-0.80	9.70	
42 KING COVE CITY SCHOOL DISTRICT	21872.	10890.	10983.	130859.	10.50	0.62	11.12	
43 PETERSBURG, CITY OF	1004407.	315791.	688616.	1352517.	10.50	3.76	14.26	
44 BRISTOL BAY BOROUGH	380817.	79849.	300968.	249910.	10.50	8.89	19.39	
45 NORTH SLOPE BOROUGH	1018767.	1113936.	-95168.	2919045.	10.50	-0.24	10.26	
46 KRANGELL SCHOOLS	34985.	-81695.	116680.	128432.	10.50	6.70	17.20	
• 47 ALASKA UNORGANIZED BOROUGH SCHOOL DISTRI	218893.	602498.	-383605.	464187.	10.50	-6.10	4.40	
48 CORDOVA, CITY OF	376091.	184197.	191894.	543230.	10.50	2.61	13.11	
49 NOME CITY SCHOOLS	374243.	12759.	361484.	799344.	10.50	3.34	13.84	
• 50 DELTA JUNCTION, CITY OF	0.	10070.	0.	0.	10.50	0.00	10.50	
51 KING COVE, CITY OF	4442.	21365.	-16922.	34130.	10.50	-3.66	6.84	
52 ALASKA HOUSING FINANCE CORPORATION	97338.	11466.	85872.	263715.	10.50	7.40	17.90	

STATE OF ALASKA - P.E.R.S. CONTRIBUTION RATES
 FOR THE FISCAL YEAR STARTING JULY 1, 1980
 BASED UPON A 25-YEAR AMORTIZATION OF THE UNFUNDED LIABILITY

	ACCRUED LIABILITY	ADJUSTED ASSETS	UNFUNDED LIABILITY	ANNUAL EARNINGS	CONSOL. RATE	PAST SRV RATE	TOTAL RATE	RATE GROUP
53 LOWER YUKON SCHOOL DISTRICT	194214.	172110.	22104.	1430983.	10.50	0.11	10.61	
54 NORTHWEST ARCTIC SCHOOL DISTRICT	856288.	552465.	303823.	3071690.	10.50	0.73	11.23	
55 SOUTHEAST ISLANDS SCHOOL DISTRICT	18231.	29766.	-11536.	144414.	10.50	-0.59	9.91	
56 PRIBILOF REGION SCHOOL DISTRICT	31580.	37345.	-5765.	204804.	10.50	-0.21	10.29	
57 LOWER KUSKOKWIM SCHOOL DISTRICT	573787.	391569.	182218.	2104988.	10.50	0.64	11.14	
58 KODIAK ISLAND BOROUGH SCHOOL DISTRICT	979108.	-11654.	990761.	1906751.	10.50	3.83	14.33	
59 YUKON FLATS SCHOOL DISTRICT	170422.	92061.	78361.	654795.	10.50	0.88	11.38	
60 YUKON-KOYUKOK SCHOOL DISTRICT	223381.	142689.	80692.	922385.	10.50	0.65	11.15	
61 NORTH SLOPE BOROUGH SCHOOL DISTRICT	658814.	771831.	-113016.	3936275.	10.50	-0.21	10.29	
62 ALEUTIAN REGION SCHOOL DISTRICT	67191.	54873.	12317.	233472.	10.50	0.39	10.89	
63 CORDOVA COMMUNITY HOSPITAL	254774.	99289.	155485.	428047.	10.50	2.68	13.18	
64 LAKE AND PENINSULA SCHOOL DISTRICT	93335.	70183.	23152.	242614.	10.50	0.70	11.20	
65 SITKA COMMUNITY HOSPITAL	219951.	108707.	111245.	680544.	10.50	1.21	11.71	
66 SOUTH CENTRAL REGIONAL RESOURCE CENTER	7279.	19772.	-12493.	101965.	10.50	-0.90	9.60	
67 SOUTH EAST REGIONAL RESOURCE CENTER	3866.	11185.	-7319.	35941.	10.50	-1.50	9.00	
68 BRISTOL BAY REGIONAL RESOURCE CENTER	5166.	5630.	-464.	88529.	10.50	-0.04	10.46	
69 NORTHWEST REGIONAL RESOURCE CENTER	2517.	6831.	-4314.	63825.	10.50	-0.50	10.00	
70 NORTH PACIFIC FISHERY MANAGEMENT COUNCIL	37373.	30964.	6409.	149456.	10.50	0.32	10.82	
71 WESTERN REGIONAL RESOURCE CENTER	0.	2992.	0.	0.	10.50	0.00	10.50	
72 ST. PAUL, CITY OF	8459.	17564.	-9105.	65172.	10.50	-1.03	9.47	
73 ANCHORAGE, MUNICIPALITY OF	29462137.	10442725.	19019412.	44134126.	10.50	3.18	13.68	
74 KODIAK ISLAND BOROUGH	115667.	43146.	72521.	254393.	10.50	2.10	12.60	
75 NOKE JOINT UTILITIES	250152.	68857.	181295.	374805.	10.50	3.57	14.07	
76 SAND POINT, CITY OF	27016.	15845.	11171.	103430.	10.50	0.80	11.30	
77 KETCHIKAN GATEWAY BORO SCHOOL DISTRICT	14725.	8726.	5999.	149064.	10.50	0.30	10.80	

STATE OF ALASKA - P.E.R.S. CONTRIBUTION RATES
 FOR THE FISCAL YEAR STARTING JULY 1, 1980
 BASED UPON A 25-YEAR AMORTIZATION OF THE UNFUNDED LIABILITY

	ACCRUED LIABILITY	ADJUSTED ASSETS	UNFUNDED LIABILITY	ANNUAL EARNINGS	CONSOL. RATE	PAST SKV RATE	TOTAL RATE	RATE GROUP
78 DILLINGHAM, CITY OF	29061.	15043.	14019.	131906.	10.50	0.78	11.28	
79 UNALASKA, CITY OF	24700.	22460.	2239.	345684.	10.50	0.05	10.55	
80 KENAI PENINSULA BOROUGH	632374.	320349.	312025.	1500502.	10.50	1.53	12.03	
81 KETCHIKAN, CITY OF	1014894. -----	521527. -----	493367. -----	952546. -----	10.50 -----	3.82 -----	14.32 -----	
** STATE & POLITICAL SUBDIVISION TOTALS	271454862.	139788571.	131738202.	383653561.	10.50	2.53	13.03	

STATE OF ALASKA - P.E.R.S. CONTRIBUTION RATES
 FOR THE FISCAL YEARS STARTING JULY 1, 1979 AND 1980
 BASED UPON A 25-YEAR AMORTIZATION OF THE UNFUNDED LIABILITY

	-----1979-----		-----1980-----		CHANGE		
	CONSOL	TOTAL	CONSOL	TOTAL	IN TOTAL		
	RATE	RATE	RATE	RATE	RATE		
	PAST	RATE	PAST	RATE			
	RATE		RATE				
1 STATE OF ALASKA	9.82	2.42	12.24	10.50	2.97	13.47	+ 1.23
2 SOUTH WEST REGION SCHOOL DISTRICT	9.82	-0.18	9.64	10.50	0.12	10.62	+ 0.98
3 ANNETTE ISLAND SCHOOL DISTRICT	9.82	1.59	11.41	10.50	0.39	10.89	- 0.52
4 HEKING STRAITS SCHOOL DISTRICT	9.82	0.30	10.12	10.50	0.06	10.56	+ 0.44
5 CHATHAM SCHOOL DISTRICT	9.82	2.97	12.79	10.50	2.24	12.74	- 0.05
6 ALASKA MUNICIPAL LEAGUE	9.82	6.30	16.12	10.50	11.14	21.64	+ 5.52
7 VALDEZ, CITY OF	9.82	1.53	11.35	10.50	2.31	12.81	+ 1.46
8 JUNEAU BOROUGH SCHOOL DISTRICT	9.82	1.90	11.72	10.50	2.23	12.73	+ 1.01
9 MATANUSKA-SUSITNA BOROUGH	9.82	2.05	11.87	10.50	2.11	12.61	+ 0.74
10 MATANUSKA-SUSITNA SCHOOL	9.82	2.05	11.87	10.50	2.11	12.61	+ 0.74
11 ANCHORAGE BOROUGH SCHOOL	9.82	3.02	12.84	10.50	2.99	13.49	+ 0.65
12 COPPER RIVER SCHOOL DISTRICT	9.82	1.22	11.04	10.50	1.12	11.62	+ 0.58
13 UNIVERSITY OF ALASKA	9.82	0.76	10.58	10.50	0.48	10.98	+ 0.40
14 HAINES, CITY OF	9.82	0.04	9.86	10.50	-0.70	9.80	- 0.06
15 KENAI, CITY OF	9.82	-1.23	8.59	10.50	-1.93	8.57	- 0.02
16 NORTH STAR BOROUGH	9.82	0.62	10.44	10.50	0.72	11.22	+ 0.78
17 NORTH STAR BOROUGH SCHOOL DISTRICT	9.82	0.62	10.44	10.50	0.72	11.22	+ 0.78
18 RAILBELT SCHOOL DISTRICT	9.82	1.03	10.85	10.50	1.19	11.69	+ 0.84
19 UNIVERSITY OF ALASKA - GEO.	9.82	0.76	10.58	10.50	0.48	10.98	+ 0.40
20 CITY AND BOROUGH OF SITKA	9.82	2.40	12.22	10.50	4.03	14.53	+ 2.31
21 CHUGACH REGIONAL SCHOOL DISTRICT	9.82	2.27	12.09	10.50	-3.66	6.84	- 5.25
22 GATEWAY BOROUGH	9.82	-0.12	9.70	10.50	-0.06	10.44	+ 0.74
23 SOLDOTNA, CITY OF	9.82	-1.25	8.57	10.50	0.95	11.45	+ 2.88
24 LOITARD AREA SCHOOL DISTRICT	9.82	-0.09	9.73	10.50	-0.62	9.88	+ 0.15

STATE OF ALASKA - P.E.R.S. CONTRIBUTION RATES
 FOR THE FISCAL YEARS STARTING JULY 1, 1979 AND 1980
 BASED UPON A 25-YEAR AMORTIZATION OF THE UNFUNDED LIABILITY

	-----1979-----		-----1980-----		CHANGE
	CONSOL	TOTAL	CONSOL	TOTAL	IN TOTAL
	RATE	RATE	RATE	RATE	RATE
	PAST SRV		PAST SRV		
	RATE		RATE		
25 NUSPUK SCHOOL DISTRICT	9.82	9.10	10.50	9.76	+ 0.66
26 CITY AND BOROUGH OF JUNEAU	9.82	10.52	10.50	9.31	- 1.21
28 KODIAK, CITY OF	9.82	12.23	10.50	14.11	+ 1.88
29 FAIRBANKS, CITY OF	9.82	12.94	10.50	14.98	+ 2.04
30 FAIRBANKS PUBLIC UTILITIES	9.82	12.94	10.50	14.98	+ 2.04
32 SKAGWAY, CITY OF	9.82	9.42	10.50	8.85	- 0.57
33 SITKA, BOROUGH SCHOOLS	9.82	12.22	10.50	14.53	+ 2.31
35 ANCHORAGE, CITY OF	9.82	11.46	10.50	12.29	+ 0.83
36 BETHEL, CITY OF	9.82	8.77	10.50	9.60	+ 0.83
37 VALDEZ CITY SCHOOLS	9.82	9.71	10.50	10.39	+ 0.68
38 HOONAH CITY SCHOOLS	9.82	12.48	10.50	13.49	+ 1.01
39 NOME, CITY OF	9.82	11.67	10.50	9.76	- 1.91
40 KOTZEBUE, CITY OF	9.82	7.23	10.50	8.58	+ 1.35
41 GALENA CITY SCHOOLS	9.82	8.95	10.50	9.70	+ 0.75
42 KING COVE CITY SCHOOL DISTRICT	9.82	10.81	10.50	11.12	+ 0.31
43 PETERSBURG, CITY OF	9.82	13.75	10.50	14.26	+ 0.51
44 BRISTOL BAY BOROUGH	9.82	18.09	10.50	19.39	+ 1.30
45 NORTH SLOPE BOROUGH	9.82	10.61	10.50	10.26	- 0.35
46 PRINCEWILL SCHOOLS	9.82	10.94	10.50	17.20	+ 6.26
48 CORDOVA, CITY OF	9.82	11.20	10.50	13.11	+ 1.91

STATE OF ALASKA - P.F.K.S. CONTRIBUTION RATES
 FOR THE FISCAL YEARS STARTING JULY 1, 1979 AND 1980
 BASED UPON A 25-YEAR AMORTIZATION OF THE UNFUNDED LIABILITY

	-----1979-----		-----1980-----		CHANGE
	CONSOL RATE	PAST SRV RATE	CONSOL RATE	PAST SRV RATE	IN TOTAL RATE
49 NOME CITY SCHOOLS	9.82	3.30	10.50	3.34	+ 0.72
51 KING COVE, CITY OF	9.82	-0.27	10.50	-3.66	- 2.71
52 ALASKA HOUSING FINANCE CORPORATION	9.82	1.08	10.50	2.40	+ 2.00
53 LOWER YUKON SCHOOL DISTRICT	9.82	0.25	10.50	0.11	+ 0.54
54 NORTHWEST ARCTIC SCHOOL DISTRICT	9.82	0.76	10.50	0.73	+ 0.65
55 SOUTHEAST ISLANDS SCHOOL DISTRICT	9.82	-0.85	10.50	-0.59	+ 0.94
56 PRIBILOF REGION SCHOOL DISTRICT	9.82	0.61	10.50	-0.21	- 0.14
57 LOWER KUSKOKWIM SCHOOL DISTRICT	9.82	0.26	10.50	0.64	+ 1.06
58 KODIAK ISLAND BOROUGH SCHOOL DISTRICT	9.82	2.35	10.50	3.83	+ 2.16
59 YUKON PLATS SCHOOL DISTRICT	9.82	0.61	10.50	0.88	+ 0.95
60 YUKON-KUYUKOK SCHOOL DISTRICT	9.82	0.62	10.50	0.65	+ 0.71
61 NORTH SLOPE BOROUGH SCHOOL DISTRICT	9.82	-0.28	10.50	-0.21	+ 0.75
62 ALEUTIAN REGION SCHOOL DISTRICT	9.82	0.33	10.50	0.39	+ 0.74
63 CORDOVA COMMUNITY HOSPITAL	9.82	2.80	10.50	2.68	+ 0.56
64 LAKE AND PENINSULA SCHOOL DISTRICT	9.82	0.53	10.50	0.70	+ 0.85
65 SITKA COMMUNITY HOSPITAL	9.82	1.15	10.50	1.21	+ 0.74
66 SOUTH CENTRAL REGIONAL RESOURCE CENTER	9.82	-0.92	10.50	-0.90	+ 0.70
67 SOUTH EAST REGIONAL RESOURCE CENTER	9.82	-1.54	10.50	-1.50	+ 0.72
68 BRISTOL BAY REGIONAL RESOURCE CENTER	9.82	-0.06	10.50	-0.04	+ 0.70
69 NORTHWEST REGIONAL RESOURCE CENTER	9.82	-0.77	10.50	-0.50	+ 0.95
70 NORTH PACIFIC FISHERY MANAGEMENT COUNCIL	9.82	-0.36	10.50	0.32	+ 1.36
71 WESTERN REGIONAL RESOURCE CENTER	9.82	-0.05	10.50	0.00	+ 0.73
72 ST. PAUL, CITY OF	9.82	0.00	10.50	-1.03	- 0.35

STATE OF ALASKA - P.F.R.S. CONTRIBUTION RATES
 FOR THE FISCAL YEARS STARTING JULY 1, 1979 AND 1980
 BASED UPON A 25-YEAR AMORTIZATION OF THE UNFUNDED LIABILITY

	-----1979-----		-----1980-----		CHANGE
	CONSOL	TOTAL	CONSOL	TOTAL	IN TOTAL
	RATE	RATE	RATE	RATE	RATE
73 ANCHORAGE, MUNICIPALITY OF	9.82	12.13	10.50	13.68	+ 1.55
74 NODIAK ISLAND BOROUGH	9.82	11.15	10.50	12.60	+ 1.45
75 NOME JOINT UTILITIES	9.82	11.67	10.50	14.07	+ 2.40
76 SAND POINT, CITY OF	9.82	10.38	10.50	11.30	+ 0.92
77 KETCHIKAN GATEWAY BURD SCHOOL DISTRICT	9.82	9.83	10.50	10.80	+ 0.97
78 DILLINGHAM, CITY OF	9.82	10.85	10.50	11.28	+ 0.43
79 UNALASKA, CITY OF	9.82	9.83	10.50	10.55	+ 0.72
80 KENAI PENINSULA BOROUGH	9.82	12.42	10.50	12.03	- 0.39
81 KETCHIKAN, CITY OF	9.82	15.32	10.50	14.32	- 1.00
82 SEWARD, CITY OF	9.82	11.57	10.50	12.25	+ 0.68
83 FORT YUKON, CITY OF	9.82	9.84	10.50	10.52	+ 0.68
84 BRISTOL BAY BOROUGH SCHOOL DISTRICT	9.82	12.66	10.50	13.34	+ 0.68
85 CUKOUVA PUBLIC SCHOOLS	9.82	14.86	10.50	15.54	+ 0.68
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** STATE & POLITICAL SUBDIVISION TOTALS	9.82	11.96	10.50	13.03	+ 1.07