

ALASKA LEGISLATURE SPECIAL COMMITTEE / SUBJECT FILES 8672

2405 SCOM 101 • LONG RANGE FINANCIAL PLANNING • COMMISSION, 1995

Appendix A

Historical Overview of Taxes

Tax Type	Legal Reference	First Enacted	Original Tax	Current Tax Structure	Last Tax Change	Current Tax Rate	Latest Change	Change
Salmon Enhancement <i>Tax on value of salmon paid by fishers to fund salmon enhancement programs</i>	AS 43.76	1980	Voluntary tax of either 1%;2% or 3% of value as elected by fishers in a region	South Southeast North Southeast	1980	3% of value	1991	Chignik elected 2% tax
				Cook Inlet	1980	2% of value		
				Pr. William Sound	1985	2% of value		
				Kodiak	1989	2% of value		
				Chignik	1991	2% of value		
Mining <i>Tax on net income of mining activities</i>	AS 43.65	1913	.5% on net income > \$5,000	Tax on net income of mining activities	1955	Tax on Net Income: No tax if ≤ \$40,000 3% if >\$40,000 ≤\$50,000 5% if >\$50,000 ≤\$100,000 7% if > \$100,000	1991	Increased education credit from \$100,000 to \$150,000
Estate <i>Tax on estate transfers</i>	AS 43.31	1919	(Inheritance Tax) Based on value on property transferred	Tax on transfer of estates	1970	State tax credit on federal return	1991	Provided for compound interest on tax per AS 43.05.225
Coin-Operated Device <i>Tax on coin-operated devices</i>	AS 43.35	1941	12½% of gross receipts on all machines	Class 1 Device	1960	\$48 per device	1960	Decreased length of residency for distributors from 3 to 1 year
				Class 2 Device	1960	\$120 per device		
				Class 3 Device	1960	\$240 per device		
Seafood Marketing <i>Assessment on value of fisheries paid by processors</i>	AS 16.51	1981	Voluntary assessment of either .1%; .2% or .3% of value as elected by processors	Assessment on value of fisheries purchased of \$50,000	1981	.3% of value	1993	Landing Tax legislation included .3% of value tax

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Historical Overview of Taxes

Tax Type	Legal Reference	First Enacted	Original Tax	Current Tax Structure	Last Tax Change	Current Tax Rate	Latest Change	Change
Electric and Telephone Cooperative <i>Tax on electric and telephone services provided by cooperatives</i>	AS 10.25.550 Telephone	1959	1% gross revenues if operating < 5 years	% of gross revenues	N/A	1% gross revenues if operating < 5 years	1980	Broke out electric for taxing based on Kwh
					2% gross revenues if operating ≥ 5 years			
	AS 10.25.555 Electric		2% gross revenues if operating ≥ 5 years	Mills per Kwh	1980	\$.00025/Kwh if in operation < 5 years		
						\$.0005/Kwh if in operation ≥ 5 years		
APUC RCC ¹ <i>Cost charge on utilities and pipeline activities</i> ¹ Alaska Public Utilities Regulatory Cost Charges	AS 42.05.253 Utilities	1992	Electricity \$.000626/Kwh	Rate per Kwh	1993	\$.000386 per Kwh	1993	RCC provision sunsets 12/31/94. Utilities pay RCC on annualized basis due 12/1/94.
			Other Utilities .653% Revenues	Rate x Revenues	1993	.4% Revenues		
	AS 42.06.285 Pipelines	1992	.653% Revenues	Rate x Revenues	1993	.4% Revenues		
Individual Income <i>Tax on income based on federal AGI</i>	AS 43.20	1949	10% of Federal income tax paid	Repealed	1980	N/A	1980	Tax repealed retroactive to 1979
School <i>Dollar amount per person tax</i>	AS 43.45	1919	\$5 tax upon each male person	Repealed	1980	N/A	1980	Tax repealed retroactive to 1980
Business License (Gross Receipts) <i>Tax on % of gross business receipts</i>	AS 43.70	1949	\$25 license fee plus .5% > \$20,000 plus .25% > \$100,000	Repealed	1978	N/A	1978	Tax repealed effective 1/1/79

Appendix B

State and Federal Tax Rate Comparison

Corporation Income Tax Rates As of July 1, 1994

State	Rate (%)	Tax Brackets		Number of Brackets
		Lowest	Highest	
Alabama	5.0	Flat Rate		1
ALASKA	1.0 - 9.4	\$10,000	\$90,000	10
Arizona	9.3	Flat Rate		1
Arkansas	1.0 - 6.5	\$3,000	\$100,000	6
California	9.3	Flat Rate		1
Colorado	5.0	Flat Rate		1
Connecticut	11.5	Flat Rate		1
Delaware	8.7	Flat Rate		1
Florida	5.5	Flat Rate		1
Georgia	6.0	Flat Rate		1
Hawaii	4.4 - 6.4	25,000	100,000	3
Idaho	8.0	Flat Rate		1
Illinois	7.3	Flat Rate		1
Indiana	7.9	Flat Rate		1
Iowa	6.0 - 12.0	25,000	250,000	4
Kansas	4.0	Flat Rate		1
Kentucky	4.0 - 8.25	25,000	250,000	5
Louisiana	4.0 - 8.0	25,000	200,000	5
Maine	3.5 - 8.93	25,000	250,000	4
Maryland	7.0	Flat Rate		1
Massachusetts	9.5	Flat Rate		1
Michigan	Not Based on Income			N/A
Minnesota	9.8	Flat Rate		1
Mississippi	3.0 - 5.0	5,000	10,000	3
Missouri	6.25	Flat Rate		1
Montana	6.75	Flat Rate		1
Nebraska	5.58 - 7.81	50,000		2
Nevada	No Corporation Income Tax			N/A
New Hampshire	7.5	Flat Rate		1
New Jersey	9.0	Flat Rate		1
New Mexico	4.8 - 7.6	500,000	1,000,000	3
New York	9.0	Flat Rate		1
North Carolina	7.75	Flat Rate		1
North Dakota	3.0 - 10.5	3,000	50,000	6
Ohio	5.1 - 8.9	50,000		2
Oklahoma	6.0	Flat Rate		1
Oregon	6.6	Flat Rate		1
Pennsylvania	12.25	Flat Rate		1
Rhode Island	9.0	Flat Rate		1
South Carolina	5.0	Flat Rate		1
South Dakota	No Corporation Income Tax			N/A
Tennessee	6.0	Flat Rate		1
Texas	Tax Based on Capital and Surplus			N/A
Utah	5.0	Flat Rate		1
Vermont	5.5 - 8.25	10,000	250,000	4
Virginia	6.0	Flat Rate		1
Washington	No Corporation Income Tax			N/A
West Virginia	9.0	Flat Rate		1
Wisconsin	7.9	Flat Rate		1
Wyoming	No Corporation Income Tax			N/A
Federal	15.0 - 35.0	50,000	18,333,333	8

SOURCE: Federation of Tax Administrators, Bulletin B-442, February 24, 1994.

Appendix B

State and Federal Tax Rate Comparison

Highway Gasoline Tax Rates As of July 1, 1994

State	Rate (\$ per gallon)	State Sales Tax ⁽¹⁾		Total (\$ per gallon)	Rank	Last Change
		Rate	(\$ per gallon)			
Alabama	16			16	39	6/1/92
ALASKA	8			8	50	5/28/70
Arizona	18			18	31	7/1/90
Arkansas	18.5			18.5	30	4/1/91
California	18	5.5%	6.00	24	7	1/1/92
Colorado	22			22	13	1/1/91
Connecticut	31			31	1	7/1/94
Delaware	22			22	13	1/1/91
Florida	4	7.8%	8.50	12.5	44	1/1/92
Georgia	7.5	4.0%	4.36	11.86	17	7/1/71
Hawaii	16	4.0%	4.36	20.36	22	7/1/91
Idaho	21			21	18	4/1/91
Illinois	19	6.25%	6.82	25.82	5	1/1/90
Indiana	15	5.0%	5.46	20.46	21	4/1/88
Iowa	20			20	23	1/1/89
Kansas	18			18	31	7/1/92
Kentucky	15			15	41	4/9/90
Louisiana	20			20	23	1/1/90
Maine	19			19	28	7/1/93
Maryland	23.5			23.5	9	5/1/92
Massachusetts	21			21	18	1/1/91
Michigan	15	4.0%	4.36	19.36	27	1/1/84
Minnesota	20			20	23	5/1/88
Mississippi	18			18	31	7/1/90
Missouri	15			15	41	4/1/94
Montana	27			27	3	7/1/94
Nebraska	26			26	4	7/1/92
Nevada	22.25			22.25	12	10/1/91
New Hampshire	18			18	31	6/16/91
New Jersey	10.5			10.5	48	7/1/88
New Mexico	22			22	13	7/10/90
New York	8	4.0%	4.36	12.36	45	1/1/92
North Carolina	22			22	13	7/1/92
North Dakota	18			18	31	7/1/86
Ohio	22			22	13	7/1/93
Oklahoma	17			17	38	7/1/89
Oregon	24			24	7	1/1/92
Pennsylvania	12			12	46	9/1/91
Rhode Island	28			28	2	4/1/91
South Carolina	16			16	39	1/1/89
South Dakota	18			18	31	4/1/88
Tennessee	21			21	18	4/1/89
Texas	20			20	23	10/1/91
Utah	19			19	28	4/1/87
Vermont	15			15	41	7/1/89
Virginia	17.5			17.5	37	7/1/89
Washington	23			23	11	4/1/91
West Virginia	20.5	4.85%	5.29	25.79	6	4/1/89
Wisconsin	23.2			23.2	10	4/1/91
Wyoming	9			9	49	7/1/89
Federal	18.4			18.4	N/A	10/1/93
U.S. Median	19.0			19.0	N/A	N/A

(1) Cents per gallon figures are based on a purchase price of \$1.09 per gallon, the nationwide average price of self-served gasoline as of January 1, 1994.

SOURCE: Federation of Tax Administrators, Bulletin B-442, February 24, 1994.

Appendix B

State and Federal Tax Rate Comparison

Cigarette Tax Rates

As of July 1, 1994

State	Rate (¢ per pack)	Rank	State	Rate (¢ per pack)	Rank
Alabama	16.5	42	Montana	18	36
ALASKA	29	23	Nebraska	34	19
Arizona	18	36	Nevada	35	18
Arkansas	31.5	21	New Hampshire	25	25
California	37	15	New Jersey	40	11
Colorado	20	33	New Mexico	21	32
Connecticut	50	5	New York	56	3
Delaware	24	27	North Carolina	5	48
Florida	33.9	20	North Dakota	44	7
Georgia	12	45	Ohio	24	27
Hawaii	60	1	Oklahoma	23	30
Idaho	18	36	Oregon	38	13
Illinois	44	7	Pennsylvania	31	22
Indiana	15.5	43	Rhode Island	44	7
Iowa	36	16	South Carolina	7	47
Kansas	24	27	South Dakota	23	30
Kentucky	3	49	Tennessee	13	44
Louisiana	20	33	Texas	41	10
Maine	39	12	Utah	26.5	24
Maryland	36	16	Vermont	20	33
Massachusetts	51	4	Virginia	2.5	50
Michigan	25	25	Washington	56.5	2
Minnesota	48	6	West Virginia	17	40
Mississippi	18	36	Wisconsin	38	13
Missouri	17	40	Wyoming	12	45
Federal	24	N/A	U.S. Median	25.75	N/A

SOURCE: Federation of Tax Administrators, Bulletin B-442, February 24, 1994.

Appendix B

State and Federal Tax Rate Comparison

Tobacco Products Tax Rates

As of July 1, 1994

State	Rate	State	Rate
Alabama	.6¢ - 4.4¢/ounce	Montana	12% Wholesale Price
ALASKA	25% Wholesale Price	Nebraska	15% Wholesale Price
Arizona	.5¢ - 2.0¢/ounce	Nevada	30% Wholesale Price
Arkansas	23% Manufacturer Price	New Hampshire	27% Wholesale Price
California	23% Wholesale Price	New Jersey	24% Wholesale Price
Colorado	20% Manufacturer Price	New Mexico	25% Product Value
Connecticut	20% Wholesale Price	New York	20% Wholesale Price
Delaware	15% Wholesale Price	North Carolina	2% Manufacturer Price
Florida	25% Wholesale Price	North Dakota	28% Wholesale Price
Georgia	13% Wholesale Price	Ohio	17% Wholesale Price
Hawaii	40% Wholesale Price	Oklahoma	30% - 40% Factory List Price
Idaho	35% Wholesale Price	Oregon	35% Wholesale Price
Illinois	20% Wholesale Price	Pennsylvania	N/A
Indiana	15% Wholesale Price	Rhode Island	20% Wholesale Price
Iowa	22% Wholesale Price	South Carolina	5% - 26% Manufacturer Price
Kansas	10% Manufacturer Price	South Dakota	N/A
Kentucky	N/A	Tennessee	6% Wholesale Price
Louisiana	33% Manufacturer Price	Texas	35% Manufacturer Price
Maine	62% Wholesale Price	Utah	35% Manufacturer Price
Maryland	N/A	Vermont	20% Manufacturer Price
Massachusetts	25% Wholesale Price	Virginia	N/A
Michigan	N/A	Washington	75% Wholesale Price
Minnesota	35% Wholesale Price	West Virginia	N/A
Mississippi	15% Manufacturer Price	Wisconsin	20% Wholesale Price
Missouri	10% Manufacturer Price	Wyoming	N/A
Federal	12¢/pound	U.S. Median	N/A - different tax structures

Tobacco products include chewing tobacco and snuff.

N/A - Not Applicable

SOURCE: *Federation of Tax Administrators, Bulletin B-442, February 24, 1994.*

Appendix B

State and Federal Tax Rate Comparison

Distilled Spirits Tax Rates

As of July 1, 1994

State	Rate (\$ per gallon)	Rank*	State	Rate (\$ per gallon)	Rank*
Alabama	Footnote 1	N/A	Montana	Footnote 1	N/A
ALASKA	5.60	5	Nebraska	3.00	18
Arizona	3.00	18	Nevada	2.05	28
Arkansas	2.50	22	New Hampshire	Footnote 1	N/A
California	3.30	16	New Jersey	4.40	10
Colorado	2.28	27	New Mexico	6.06	3
Connecticut	4.50	9	New York	6.44	2
Delaware	5.46	7	North Carolina	Footnote 1	N/A
Florida	6.50	1	North Dakota	2.50	22
Georgia	3.79	14	Ohio	Footnote 1	N/A
Hawaii	5.75	4	Oklahoma	5.56	6
Idaho	Footnote 1	N/A	Oregon	Footnote 1	N/A
Illinois	2.00	29	Pennsylvania	Footnote 1	N/A
Indiana	2.68	21	Rhode Island	3.75	15
Iowa	Footnote 1	N/A	South Carolina	2.72	20
Kansas	2.50	22	South Dakota	3.93	13
Kentucky	1.92	31	Tennessee	4.00	12
Louisiana	2.50	22	Texas	2.40	26
Maine	Footnote 1	N/A	Utah	Footnote 1	N/A
Maryland	1.50	32	Vermont	Footnote 1	N/A
Massachusetts	4.05	11	Virginia	Footnote 1	N/A
Michigan	Footnote 1	N/A	Washington	Footnote 1	N/A
Minnesota	5.03	8	West Virginia	Footnote 1	N/A
Mississippi	Footnote 1	N/A	Wisconsin	3.25	17
Missouri	2.00	29	Wyoming	Footnote 1	N/A
Federal	13.50	N/A	U.S. Median	3.25	N/A

Footnote 1 - Sales are through state stores. Revenue is generated from various taxes, fees and net profits.

* Out of 32 states which levy a per gallon tax, highest to lowest.

N/A - Not Applicable

SOURCE: *Federation of Tax Administrators, Bulletin B-442, February 24, 1994.*

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State and Federal Tax Rate Comparison

Wine Tax Rates As of July 1, 1994

State	Rate (\$ per gallon)	Rank*	State	Rate (\$ per gallon)	Rank*
Alabama	1.70	3	Montana	1.06	9
ALASKA	.85	15	Nebraska	.75	18
Arizona	.84	16	Nevada	.40	34
Arkansas	.75	18	New Hampshire	Footnote 1	N/A
California	.20	43	New Jersey	.70	21
Colorado	.43	33	New Mexico	1.70	3
Connecticut	.60	23	New York	.19	15
Delaware	.90	12	North Carolina	.79	17
Florida	2.25	1	North Dakota	.50	29
Georgia	1.51	5	Ohio	.32	38
Hawaii	1.30	7	Oklahoma	.72	20
Idaho	.45	32	Oregon	.67	22
Illinois	.23	42	Pennsylvania	Footnote 1	N/A
Indiana	.47	31	Rhode Island	.60	23
Iowa	1.75	2	South Carolina	.90	12
Kansas	.30	39	South Dakota	.93	11
Kentucky	.50	29	Tennessee	1.10	8
Louisiana	.11	46	Texas	.20	43
Maine	.60	23	Utah	Footnote 1	N/A
Maryland	.40	34	Vermont	.55	26
Massachusetts	.55	26	Virginia	1.51	5
Michigan	.51	28	Washington	.87	14
Minnesota	.30	39	West Virginia	1.00	10
Mississippi	.35	37	Wisconsin	.25	41
Missouri	.36	26	Wyoming	Footnote 1	N/A
Federal	1.07	N/A	U.S. Median	.73	N/A

Footnote 1 - Sales are through state stores. Revenue is generated from various taxes, fees and net profits.

* Out of 46 states which impose a per gallon tax, highest to lowest.

N/A - Not Applicable

SOURCE: Federation of Tax Administrators, Bulletin B-442, February 24, 1994.

Appendix B

State and Federal Tax Rate Comparison

Beer Tax Rates As of July 1, 1994

State	Rate (\$ per gallon)	Rank	State	Rate (\$ per gallon)	Rank
Alabama	.53	3	Montana	.14	36
ALASKA	.35	10	Nebraska	.23	18
Arizona	.16	29	Nevada	.09	41
Arkansas	.23	18	New Hampshire	.35	10
California	.20	21	New Jersey	.16	29
Colorado	.08	43	New Mexico	.41	8
Connecticut	.19	23	New York	.21	20
Delaware	.16	29	North Carolina	.48	4
Florida	.48	4	North Dakota	.16	29
Georgia	.48	4	Ohio	.18	26
Hawaii	.89	1	Oklahoma	.40	9
Idaho	.15	33	Oregon	.08	43
Illinois	.07	47	Pennsylvania	.08	43
Indiana	.12	38	Rhode Island	.10	40
Iowa	.19	23	South Carolina	.77	2
Kansas	.18	26	South Dakota	.27	15
Kentucky	.08	43	Tennessee	.13	37
Louisiana	.32	14	Texas	.19	23
Maine	.35	10	Utah	.35	10
Maryland	.09	41	Vermont	.27	15
Massachusetts	.11	39	Virginia	.26	17
Michigan	.20	21	Washington	.15	33
Minnesota	.15	33	West Virginia	.18	26
Mississippi	.43	7	Wisconsin	.06	48
Missouri	.06	48	Wyoming	.02	50
Federal	.58	N/A	U.S. Median	.19	N/A

SOURCE: Federation of Tax Administrators, Bulletin B-442, February 24, 1994.

Appendix B

State and Federal Tax Rate Comparison

Individual Income Tax Rates

As of July 1, 1994

State	Rate (%)	Tax Brackets		Number of Brackets
		Lowest	Highest	
Alabama	2.0 - 5.0	500	3,000	1
ALASKA	No State Income Tax			N/A
Arizona	3.8 - 7.0	10,000	150,000	5
Arkansas	1.0 - 7.0	3,000	25,000	6
California	1.0 - 11.0	4,666	207,200	8
Colorado	5.0	Flat Rate		1
Connecticut	4.5	Flat Rate		1
Delaware	0.0 - 7.7	2,000	40,000	8
Florida	No State Income Tax			N/A
Georgia	1.0 - 6.0	750	7,000	6
Hawaii	2.0 - 10.0	1,500	20,500	8
Idaho	2.0 - 8.2	1,000	20,000	8
Illinois	3.0	Flat Rate		1
Indiana	3.4	Flat Rate		1
Iowa	.4 - 9.98	1,060	47,700	9
Kansas	4.4 - 7.75	20,000	30,000	3
Kentucky	2.0 - 6.0	3,000	8,000	5
Louisiana	2.0 - 6.0	10,000	50,000	3
Maine	2.0 - 8.5	4,150	16,500	5
Maryland	2.0 - 6.0	1,000	100,000	5
Massachusetts	6.0	Flat Rate		1
Michigan	4.6	Flat Rate		1
Minnesota	6.0 - 8.5	14,780	48,550	3
Mississippi	3.0 - 5.0	5,000	10,000	3
Missouri	1.5 - 6.0	1,000	9,000	10
Montana	2.0 - 11.0	1,700	61,100	10
Nebraska	2.62 - 6.99	2,400	26,500	4
Nevada	No State Income Tax			N/A
New Hampshire	Tax Limited to Dividends and Interest			N/A
New Jersey	2.0 - 7.0	20,000	75,000	5
New Mexico	1.8 - 8.5	5,200	41,600	7
New York	4.0 - 7.875	5,500	13,000	5
North Carolina	6.0 - 7.75	12,750	60,000	3
North Dakota	2.67 - 12.0	3,000	50,000	8
Ohio	.743 - 7.5	5,000	200,000	9
Oklahoma	.5 - 7.0	1,000	10,000	8
Oregon	5.0 - 9.0	2,050	5,150	3
Pennsylvania	2.80	Flat Rate		1
Rhode Island	27.5% Federal Tax Liability			N/A
South Carolina	2.5 - 7.0	2,170	10,850	6
South Dakota	No State Income Tax			N/A
Tennessee	Tax Limited to Dividends and Interest			1
Texas	No State Income Tax			N/A
Utah	2.55 - 7.2	750	3,750	6
Vermont	25% Federal Tax Liability			N/A
Virginia	2.0 - 5.75	3,000	17,000	4
Washington	No State Income Tax			N/A
West Virginia	3.0 - 6.5	10,000	60,000	5
Wisconsin	4.9 - 6.93	7,500	15,000	3
Wyoming	No State Income Tax			N/A
Federal	15.0 - 39.6	19,000	250,000	5

SOURCE: Federation of Tax Administrators, Bulletin B-442, February 24, 1994.

This publication was released by the Alaska Department of Revenue and produced at a cost of \$.90 per copy. Its purpose is to provide the public with comprehensive information and data regarding programs administered and revenues collected by the Income and Excise Audit Division within the Department.

SCOMM

101:55

June 27, 1995

To: Long Range Financial Planning Commission
Attn: Brian Rogers, Chairman

From: Roger Cremo 

You've been asked to tell the State how to change over from unsustainable to sustainable spending - without causing too much damage. That's a tall order. But you can fill it with the system that the enclosed constitutional provision would establish. That system would gradually bring spending to a sustainable level. And it would prevent unsustainable spending in the future.

The mechanics are simple:

- (1) revenue (accumulated and future) from the sale and taxation of natural resources goes into the Permanent Fund;
- (2) income from investment is retained in the fund;
- (3) money in the fund is not available for appropriation;
- (4) every year an amount equal to the projected real growth of the fund, from investment, is withdrawn for spending; and
- (5) during a transitional period an amount greater than investment growth is withdrawn for spending, but the rate of withdrawal is gradually reduced until the investment growth rate is reached.

Although the constitutional provision is complete, you shouldn't consider adopting it without checking out some of the values I have temporarily assigned to the system. I refer to

- (1) the permanent rate at which money would be withdrawn from the fund (I like 6% a year, because a well-managed fund should average at least ten percent a year in total return and the average inflation rate probably will not exceed four percent a year);
- (2) the number of years for which the fund's value is averaged to determine the amount withdrawn;
- (3) the length of the transitional period (which affects the size of the fiscal gap); and
- (4) the rate of withdrawal in the first transitional year (you could just use whatever rate produces the amount that, when combined with projected revenue from sources outside the fund, equals spending at its present level).

Because of the structure and discipline provided by the system, the Legislature would be forced to change over to sustainable spending. Your remaining task, therefore, would be to help it decide where to cut spending and how to enhance revenue. If you were to attempt to do that without the system, you would be operating under the illusion that sustainable spending is achieved by cutting to the level of projected revenues, as enhanced - that there can be a "soft landing" after which all we have to do is "live within our means". The fact is that before and after that landing the state would be exposed to the reductions in oil revenue that occur when prices fall or production declines.

Under the present setup a substantial decrease in the price or production of oil could reduce spending in a given year by hundreds of millions of dollars. Under the proposed system, however, as you saw from the graphs presented at your last meeting, spending can continue to rise despite extremely adverse conditions.

CONSTITUTION OF THE STATE OF ALASKA

ARTICLE IX, SECTION 15 — ALASKA PERMANENT FUND

(a) Revenue derived by the state

(1) from the disposition, by the state or the United States, of land, minerals, forestial resources or biological marine resources; and

(2) from taxes on

(A) minerals produced, processed or in reserve;

(B) property used in exploration, production, transportation or processing of minerals;

(C) income from production, transportation or processing of minerals;

(D) forestial resources produced or processed;

(E) biological marine resources produced or processed; and

(3) from claims, against the United States or others, for deprivation of that revenue, or that land or those natural resources

constitutes the Alaska Permanent Fund, which is invested and reinvested for long-term appreciation. Investment income, including realized appreciation, is retained in the fund and reinvested. Investments are made in accordance with standards prescribed by law.

(b) Money in the fund cannot be appropriated. Every fiscal year an amount equal to six percent of the average of the fund's market value at the end of each of the quarters of the three calendar years immediately preceding the year in which the money is withdrawn from the fund and is appropriate.

(c) A corporation that is a separate branch of government manages the fund. Its powers are provided by law and can include the power to delegate investment authority to independent managers. Its acts and records are audited and public, as provided by law. Its expenditures are authorized by appropriation.

(d) The corporation is governed by seven trustees appointed by the governor, subject to confirmation by a majority of the members of the legislature in joint session. Two are heads of principal departments in the executive branch and serve at the pleasure of the governor. Five are appointed from the public and serve for five-year terms that are staggered so that only one expires each year. A vacancy is filled for the remainder of the term in the manner of the original appointment. A trustee can be reappointed, subject to reconfirmation. As and to the extent provided by law, trustees are compensated, reimbursed their expenses, immune from civil liability and removable for cause.

(e) For the purposes of (a), minerals include, without limitation, oil, gas, coal, sand, gravel, stone and water.

(f) This section does not affect other dedications permitted by Section 7 of this article.

ARTICLE XV, SECTION 29 — ALASKA PERMANENT FUND TRANSITION

(a) The percentage prescribed in Article IX, Section 15, as amended in 1996, for determining the amount of money withdrawn annually from the Alaska Permanent Fund, is inapplicable in fiscal years 1998 through 2000. In the first year of that period the applicable percentage is sixteen. It decreases each fiscal year thereafter geometrically, until the first year after that period, when it attains its permanent value.

(b) The assets of the following are added to the fund on the effective date of this section: the Budget Reserve Fund (Article IX, Section 17), the Earnings Reserve Account (AS 37.13.145), the Railbelt Energy Fund (AS 37.05.5) and the Budget Reserve Fund (AS 37.05.540). For the purpose of determining the average of the fund's market value, as required by Article IX, Section 15, as amended in 1996, those assets are treated as if they had been added to the fund three years before the period in (a).

(c) In addition to the revenue and investment income described in Article IX, Section 15, as amended in 1996, the fund consists of the assets carried on its books on the effective date of this section and the assets added by (b).

(d) Those public members of the board of trustees of the Alaska Permanent Fund Corporation in office on the effective date of this section continue for the remainder of their terms as trustees of the corporation that manages the fund.

(e) Article IX, Section 15, as amended in 1996, and this section are effective July 1, 1997.

ARTICLE XV, SECTION 30 — REPEAL

Article IX, Sections 16 & 17, and Article XV, Sections 27 & 28 are repealed. This section is effective July 1, 1997.

System of Sustainable State Spending

How government is financed in Alaska

- The money that comes from the sale and taxation of natural resources, and the income from the investment of that money, provide the State with an endowment.¹

The problem

- The amount withdrawn from the endowment to pay for government is unsustainable.²
- Inevitably, the endowment decreases in size to a point where it can't support spending at the accustomed level.³
- Then spending is cut.
- And the economy fails, because it depends on state spending.⁴

Theory

- Our goal should be to withdraw the highest sustainable amount from the endowment.
- We can attain that goal by systematizing the endowment.

A proposed system

- All of the assets in the endowment (except what is already in the General Fund) are gathered into the Alaska Permanent Fund.
- The fund is invested for long-term appreciation.
- All investment income remains in the fund.
- All natural resource revenue is added to the fund.
- Every year, an amount equal to the fund's projected real growth from investment is withdrawn and can be spent.⁵
- The fund increases in size as the natural resource revenue is added to it.⁶
- The amount withdrawn is the highest sustainable.⁷

(see reverse)

¹ And that's what the federal government intended when it gave the natural resources to the State. The endowment, which is informal, is distributed among several funds, including the Alaska Permanent Fund, the Budget Reserve Fund, the Earnings Reserve Account and the General Fund.

² Even if the Legislature were to reduce appropriations from the endowment substantially, the amount would be unsustainable. That's because the amount of the natural resource revenue feeding the endowment can change greatly when there is a drop in price or a decrease in production.

³ One part of the endowment, the principal of the Alaska Permanent Fund, isn't available for spending.

⁴ Spending was cut in 1986. The economy collapsed.

⁵ Projected real growth from investment is a function of a fixed rate of real growth from investment and value of the fund. A fixed rate of real growth from investment is determined by assuming a rate of total return on investment and a rate of inflation. Value of the fund is the average of the fund's market value at the end of each of the twelve preceding calendar quarters.

⁶ If the real growth from investment in a given year were less than the amount withdrawn, the size of the fund would decrease, at least in real terms, unless the additions in that year made up the difference.

⁷ Highest, because it would be imprudent to withdraw more from the fund than its projected real growth from investment. Sustainable, because the fund continually increases in size.

The principal advantage of the proposed system

- Economic busts (those that are caused by cuts in state spending) are largely eliminated.⁸

Other advantages

- Periodic curtailment of desirable, if not essential, state programs is largely eliminated.
- A meaningful budget becomes feasible, because during the budgetary process the Legislature knows how much money is available for spending.⁹

Transition

- In the first year of a transitional period the amount withdrawn, combined with expected revenue from sources outside the fund, supports spending at the present level.
- For the remainder of the transitional period the amount withdrawn decreases, at least in real terms, to the highest sustainable.¹⁰
- The length of the transitional period is selected with the objective of providing the most money for spending during the period and yet allowing the fund to increase substantially in size.¹¹

Implementation

- To implement the proposed system and transition, a constitutional amendment must be adopted.¹²

Obstacles to implementation

- Concern about the fact that the fund could decrease in size.
- The misconception that the proposed system would eliminate the dividend program.¹³
- A legislature that is opposed to any limitation of its power to spend.

Roger Cremo - 5/15/95

⁸ The proposed system would come too late to prevent an economic bust that could result from the spending cut required by current conditions. However, the impact would be softened, because the cut would be gradual (see "Transition"). With the present setup, the cut might be devastatingly abrupt and deep.

⁹ Except for what comes from sources outside the fund, but that's easy to forecast.

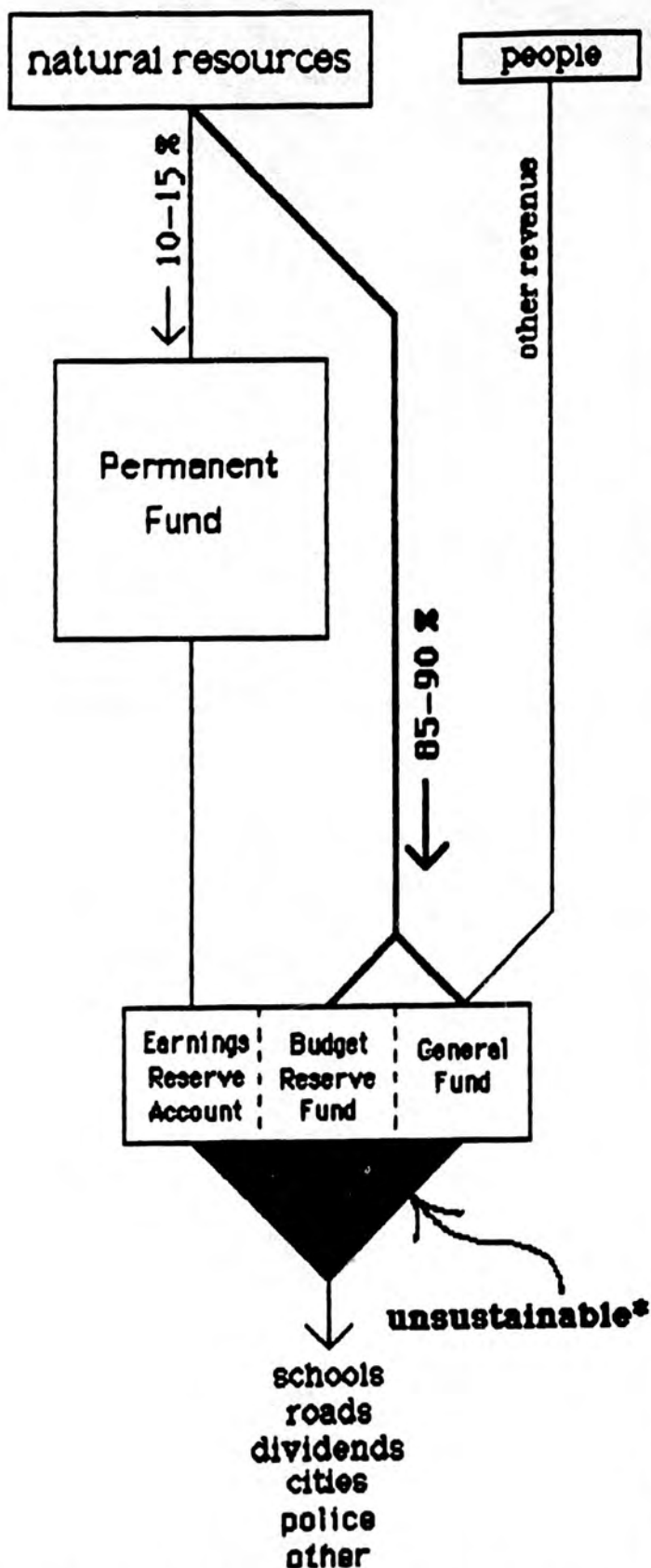
¹⁰ The decrease is gradual. The rate of withdrawal decreases geometrically each year, so that when the transitional period has ended it is a rate of real growth from investment (see footnote 5).

¹¹ Selection is based, in part, on the official forecast of natural resource revenue.

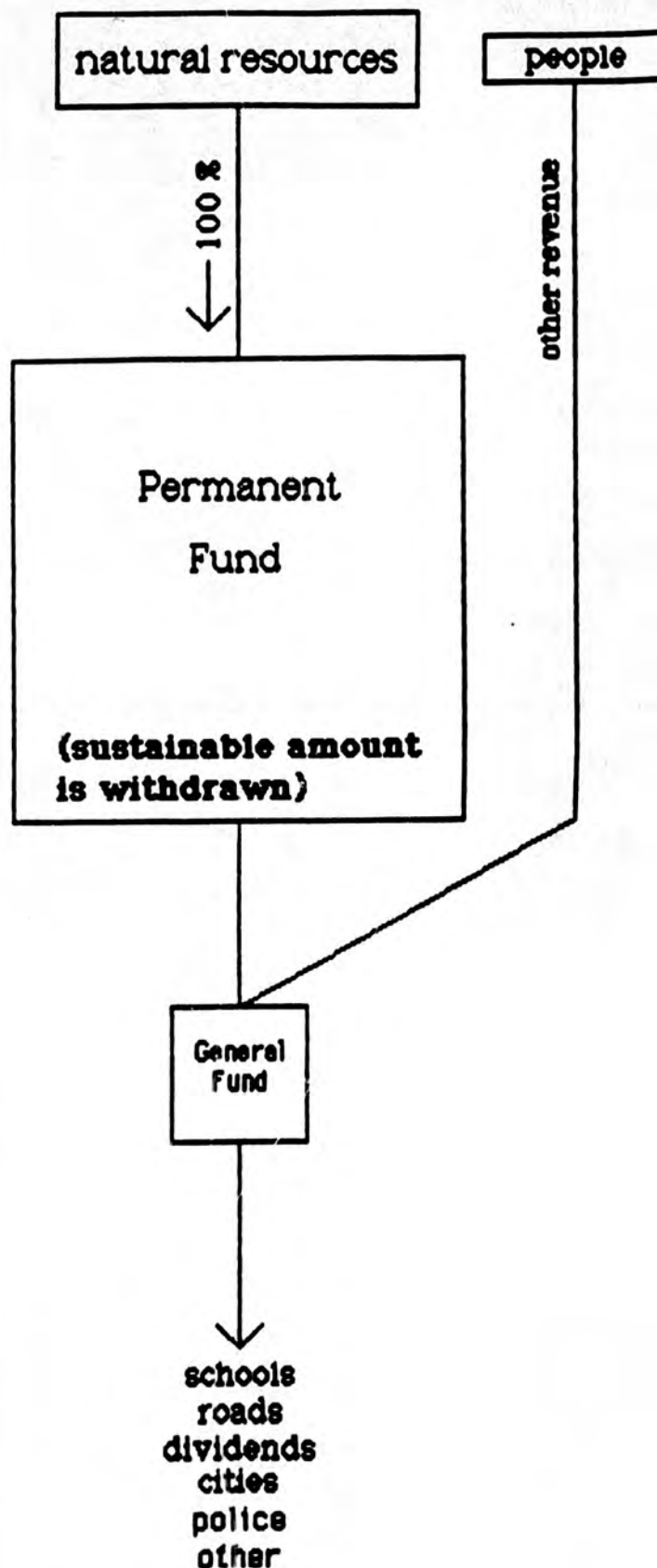
¹² The constitution requires that an amendment be proposed by the Legislature and approved by the people.

¹³ That program, like other governmental programs, is not constitutionally protected. Both now and under the proposed system, its continuation is a matter of legislative discretion and priority. Under the proposed system, however, it may have a better chance of surviving the spending cut required by current conditions.

Unsustainable Spending



Sustainable Spending



* Because natural resource revenue fluctuates so much.

CONSTITUTION OF THE STATE OF ALASKA

ARTICLE IX, SECTION 15 — ALASKA PERMANENT FUND

(a) Revenue derived by the state

(1) from the disposition, by the state or the United States, of land, minerals, forestial resources or biologic marine resources; and

(2) from taxes on

(A) minerals produced, processed or in reserve;

(B) property used in exploration, production, transportation or processing of minerals;

(C) income from production, transportation or processing of minerals;

(D) forestial resources produced or processed;

(E) biological marine resources produced or processed; and

(3) from claims, against the United States or others, for deprivation of that revenue, or that land or the natural resources

constitutes the Alaska Permanent Fund, which is invested and reinvested for long-term appreciation. Investment income, including realized appreciation, is retained in the fund and reinvested. Investments are made in accordance with standards prescribed by law.

(b) Money in the fund cannot be appropriated. Every fiscal year an amount equal to six percent of the average of the fund's market value at the end of each of the quarters of the three calendar years immediately preceding permanently withdrawn from the fund and is appropriable.

(c) A corporation that is a separate branch of government manages the fund. Its powers are provided by law and can include the power to delegate investment authority to independent managers. Its acts and records are audited and public, as provided by law. Its expenditures are authorized by appropriation.

(d) The corporation is governed by seven trustees appointed by the governor, subject to confirmation by a majority of the members of the legislature in joint session. Two are heads of principal departments in the executive branch and serve at the pleasure of the governor. Five are appointed from the public and serve for five-year terms that are staggered so that only one expires each year. A vacancy is filled for the remainder of the term in the manner of the original appointment. A trustee can be reappointed, subject to reconfirmation. As and to the extent provided by law, trustees are compensated, reimbursed their expenses, immune from civil liability and removable for cause.

(e) For the purposes of (a), minerals include, without limitation, oil, gas, coal, sand, gravel, stone and water.

(f) This section does not affect other dedications permitted by Section 7 of this article.

ARTICLE XV, SECTION 29 — ALASKA PERMANENT FUND TRANSITION

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(b) The assets of the following are added to the fund on the effective date of this section: the Budget Reserve Fund (Article IX, Section 17), the Earnings Reserve Account (AS 37.13.145), the Railbelt Energy Fund (AS 37.05.52) and the Budget Reserve Fund (AS 37.05.540). For the purpose of determining the average of the fund's market value, as required by Article IX, Section 15, as amended in 1996, those assets are treated as if they had been added to the fund three years before the period in (a).

(c) In addition to the revenue and investment income described in Article IX, Section 15, as amended in 1996, the fund consists of the assets carried on its books on the effective date of this section and the assets added by (b).

(d) Those public members of the board of trustees of the Alaska Permanent Fund Corporation in office on the effective date of this section continue for the remainder of their terms as trustees of the corporation that manages the fund.

(e) Article IX, Section 15, as amended in 1996, and this section are effective July 1, 1997.

ARTICLE XV, SECTION 30 — REPEAL

Article IX, Sections 16 & 17, and Article XV, Sections 27 & 28 are repealed. This section is effective July 1, 1997.

Data: Dept. of Revenue (projections: spring, 1995, base case)

* Permanent Fund Corp. (projections: March 31, 1995, base case)

Transitional withdrawal rate: 16.0% In 1998 to final rate in 2010

Final withdrawal rate: 6.0%

Rate of total return: 10.0%

Reserves: 3000

Rate of inflation: 4.0%

Unit: one million dollars

System of Sustainable State Spending

Alaska Permanent Fund

Fiscal Year	Begin	Resource Revenue	Withdrawal	Total Return	End	End (1998 \$)
1998	18,062	1,866	2,768	1,716	18,877	18,877
1999	18,877	1,912	2,665	1,812	19,937	19,170
2000	19,937	1,932	2,576	1,929	21,222	19,621
2001	21,222	1,944	2,506	2,066	22,726	20,204
2002	22,726	1,908	2,457	2,218	24,396	20,853
2003	24,396	1,866	2,422	2,386	26,246	21,572
2004	26,246	1,870	2,396	2,572	28,291	22,359
2005	28,291	1,844	2,376	2,776	30,536	23,205
2006	30,536	1,775	2,359	2,995	32,946	24,073
2007	32,946	1,709	2,346	3,231	35,540	24,970
2008	35,540	1,724	2,332	3,493	38,425	25,959
2009	38,425	1,666	2,320	3,777	41,548	26,989
2010	41,548	1,608	2,310	4,084	44,929	28,063
2011	44,929	1,225	2,498	4,366	48,022	28,841
2012	48,022	1,160	2,690	4,649	51,142	29,533
2013	51,142	1,067	2,882	4,935	54,282	30,141
2014	54,282	1,027	3,069	5,224	57,464	30,681
2015	57,464	965	3,258	5,517	60,689	31,156
2016	60,689	910	3,449	5,815	63,965	31,575
2017	63,965	847	3,642	6,117	67,286	31,937
2018	67,286	789	3,839	6,424	70,660	32,248
2019	70,660	735	4,038	6,736	74,093	32,515
2020	74,093	689	4,241	7,054	77,595	32,742
2021	77,595	639	4,447	7,379	81,166	32,931
2022	81,166	599	4,657	7,711	84,819	33,090
2023	84,819	555	4,872	8,050	88,552	33,217
2024	88,552	516	5,091	8,398	92,376	33,319
2025	92,376	465	5,315	8,753	96,278	33,391

(for notes, see reverse)

Notes

Alaska Permanent Fund. The State has an endowment, which consists of the natural resource revenue and investment income that have accumulated in various funds, principally the Alaska Permanent Fund, the Earnings Reserve Account and the Budget Reserve Fund. In the proposed system the endowment is housed in the Alaska Permanent Fund, to which the contents of the other funds ("reserves") are transferred at the beginning of the initial year (fiscal 1998). The transfers are treated as if they had been made three years before that. In the future, all natural resource revenue is added to the fund and all investment income remains in the fund.

Assigned values. The values assigned here to transitional withdrawal rates, final withdrawal rate, total return, etc., should be taken as illustrative only.

Market value. The market value of the fund is the basis for determining the amount that is withdrawn from it for spending (here the value of the fund at the beginning of the initial year is its book value).

Natural resource revenue. The natural resource revenue is deposited into the fund when it is received (here each year's receipts are treated as if they are deposited at the beginning of the year). Projections for the years after 2010 (DOR, fall, 1994, base case) commingle minor components of natural resource revenue with revenue that is not natural resource revenue (here they have been separated by extension of pre-2010 trends).

Withdrawal from the fund. The amount withdrawn from the fund in a fiscal year is a function of the withdrawal percentage and the average of the fund's value at the end of each of the twelve calendar quarters (here the three fiscal years) preceding the year of withdrawal. Withdrawals are made as the money is needed for spending during the fiscal year (here withdrawals are treated as if they are made at the beginning of each year).

Data: Dept. of Revenue (projections: spring, 1995, base case)

*Permanent Fund Corp. (projections: March 31, 1995, base case)

Transitional withdrawal rate: 16.0% in 1998 to final rate 2010

Final withdrawal rate: 6.0%

Rate of total return: 10.0%

Reserves: 3,000

Rate of inflation: 4.0%

Conventional revenue enhancement 8.0%

Unit: one million dollars

System of Sustainable State Spending Budget

Fiscal Year	Withdrawal	Conventional Revenue	Conventional Revenue (1998 \$)	Income Budget	Income Budget (1998 \$)	Fiscal Year
1998	2,768	300	300	3,067	3,067	1998
1999	2,665	324	311	2,989	2,874	1999
2000	2,576	350	323	2,926	2,705	2000
2001	2,506	378	336	2,883	2,563	2001
2002	2,457	408	349	2,865	2,449	2002
2003	2,422	441	362	2,863	2,353	2003
2004	2,396	476	376	2,872	2,270	2004
2005	2,376	514	390	2,889	2,196	2005
2006	2,359	555	405	2,914	2,130	2006
2007	2,346	599	421	2,945	2,069	2007
2008	2,332	647	437	2,979	2,013	2008
2009	2,320	699	454	3,019	1,961	2009
2010	2,310	755	472	3,065	1,915	2010
2011	2,498	815	490	3,313	1,990	2011
2012	2,690	881	509	3,571	2,062	2012
2013	2,882	951	528	3,833	2,128	2013
2014	3,069	1027	548	4,096	2,187	2014
2015	3,258	1109	569	4,367	2,242	2015
2016	3,449	1198	591	4,647	2,294	2016
2017	3,642	1294	614	4,936	2,343	2017
2018	3,839	1397	638	5,236	2,390	2018
2019	4,038	1509	662	5,547	2,434	2019
2020	4,241	1630	688	5,871	2,477	2020
2021	4,447	1760	714	6,207	2,518	2021
2022	4,657	1901	742	6,558	2,559	2022
2023	4,872	2053	770	6,925	2,598	2023
2024	5,091	2218	800	7,308	2,636	2024
2025	5,315	2395	831	7,710	2,674	2025

(for notes, see reverse)

Notes.

Conventional revenue. Conventional revenue is the revenue derived from all sources outside the fund.

Enhancement of conventional revenue. The matter of increasing conventional revenue from what is projected is not part of the proposed system. Enhancement is included here only to illustrate the effect that it has on the income budget. It is a function of the enhancement percentage and the amount of conventional revenue in the previous year.

Income budget. The income budget consists of the conventional revenue and the amount withdrawn from the fund. It is the amount available for financing government, including the dividend program.

Roger Cremo - 5/15/95

projections: spring, 1995

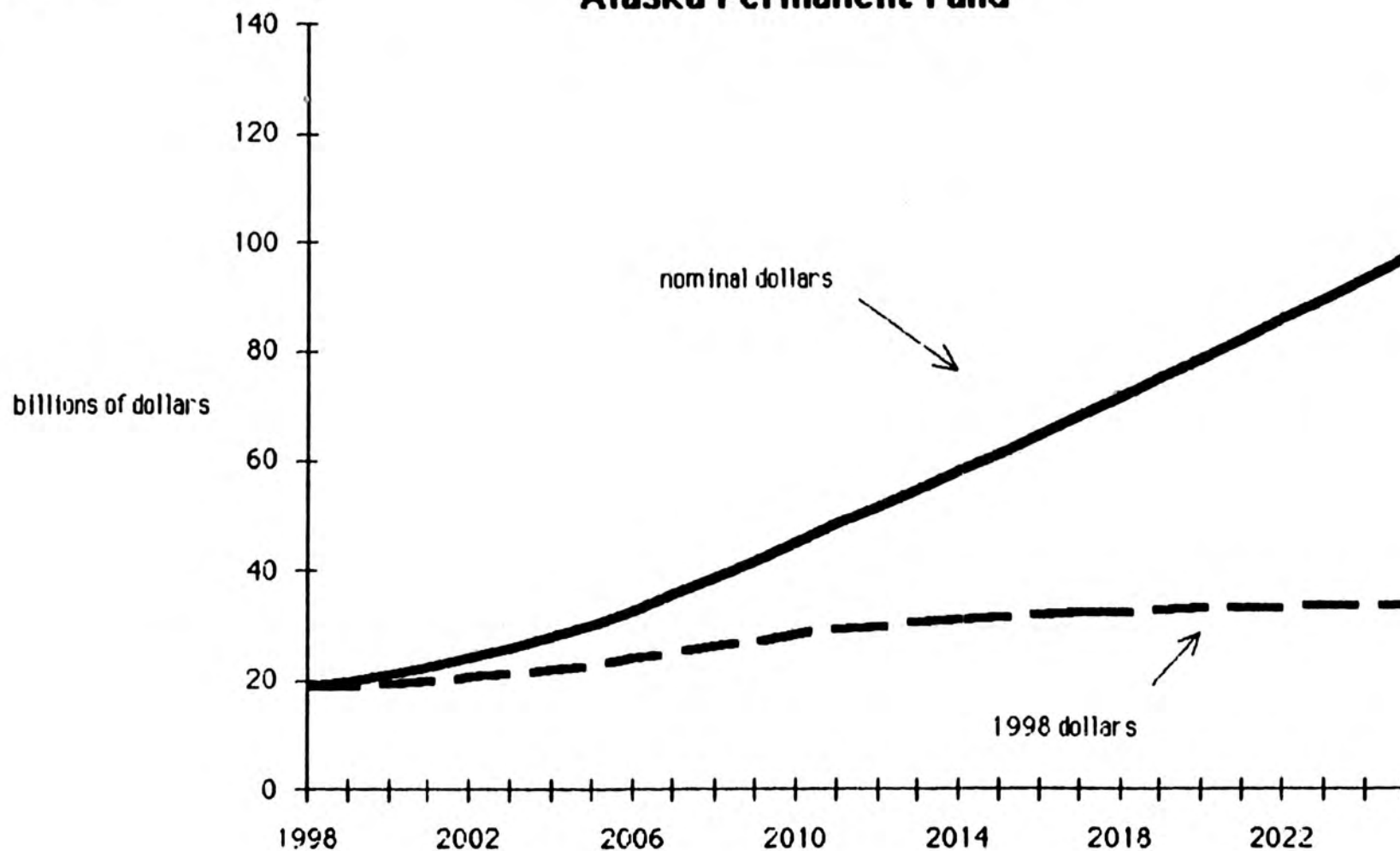
initial year withdrawal: 16.0%

final withdrawal rate begins: 2010

reserves: 3000

System of Sustainable State Spending

Alaska Permanent Fund



projections: spring, 1995

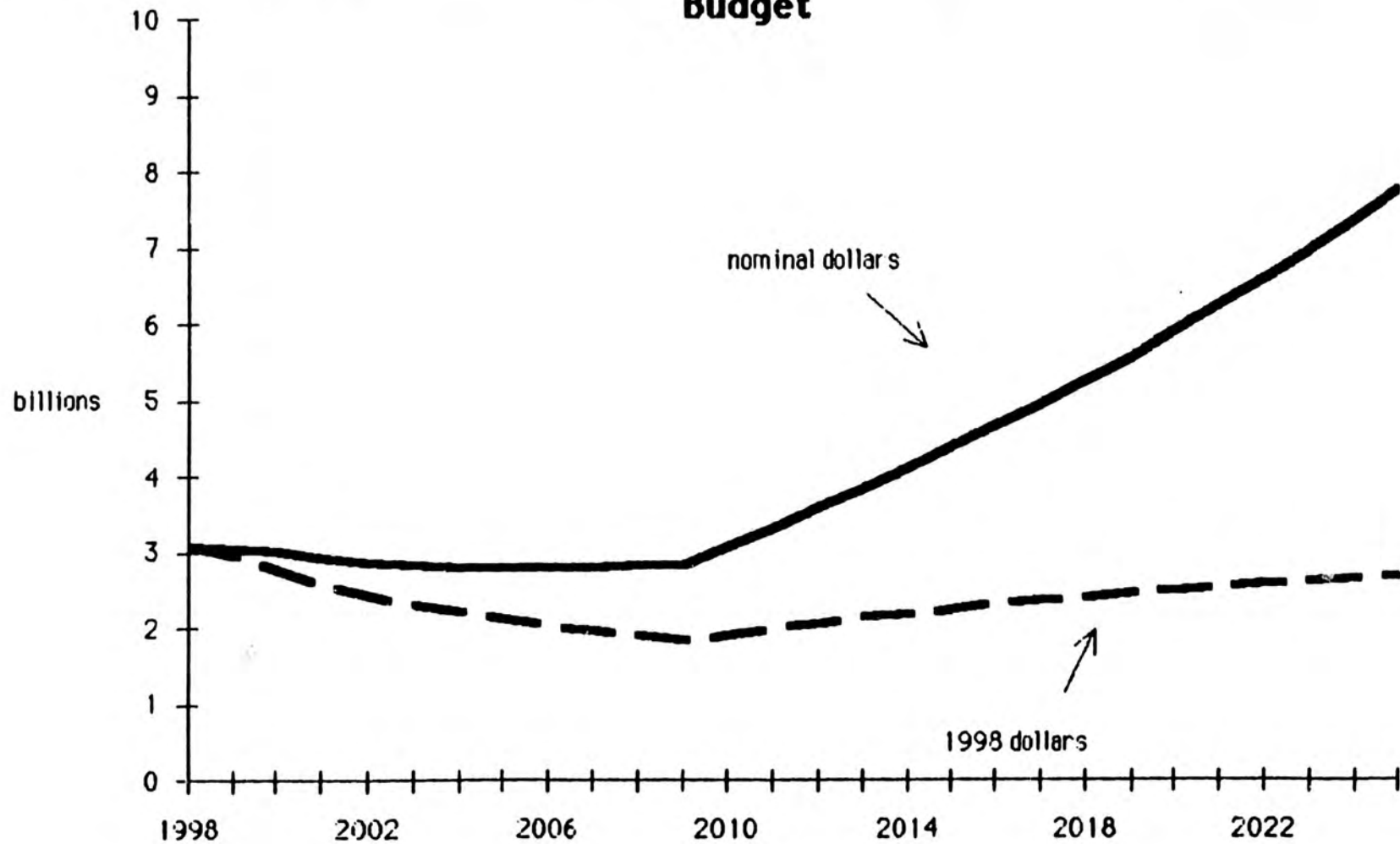
initial year withdrawal: 16.0%

enhancement: 8.0%

final withdrawal rate begins: 2010

System of Sustainable State Spending

Budget



System of Sustainable State Spending

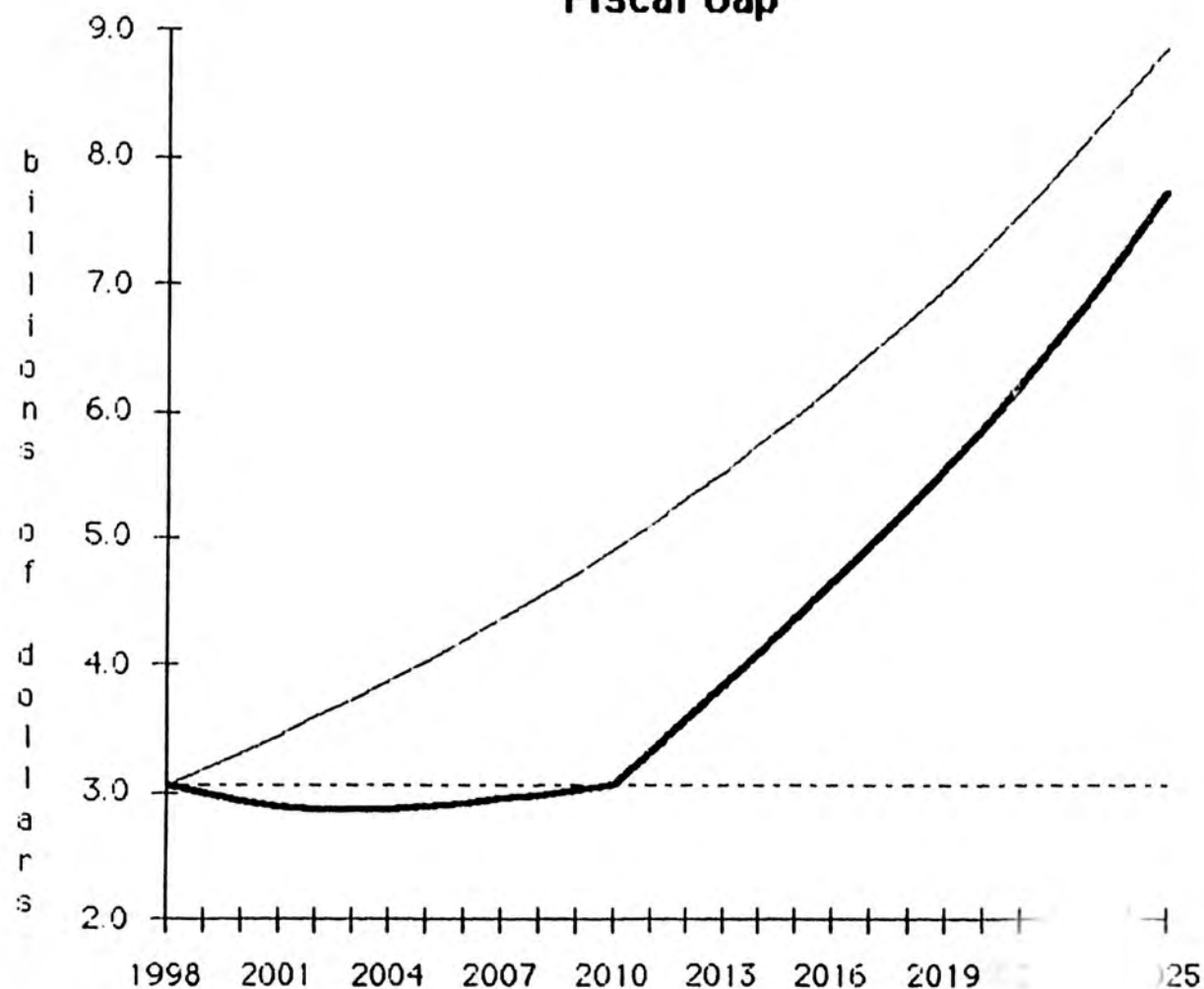
Fiscal Gap

projections: spring 1995

initial year withdrawal: 16.0%

enhancement: 8.0%

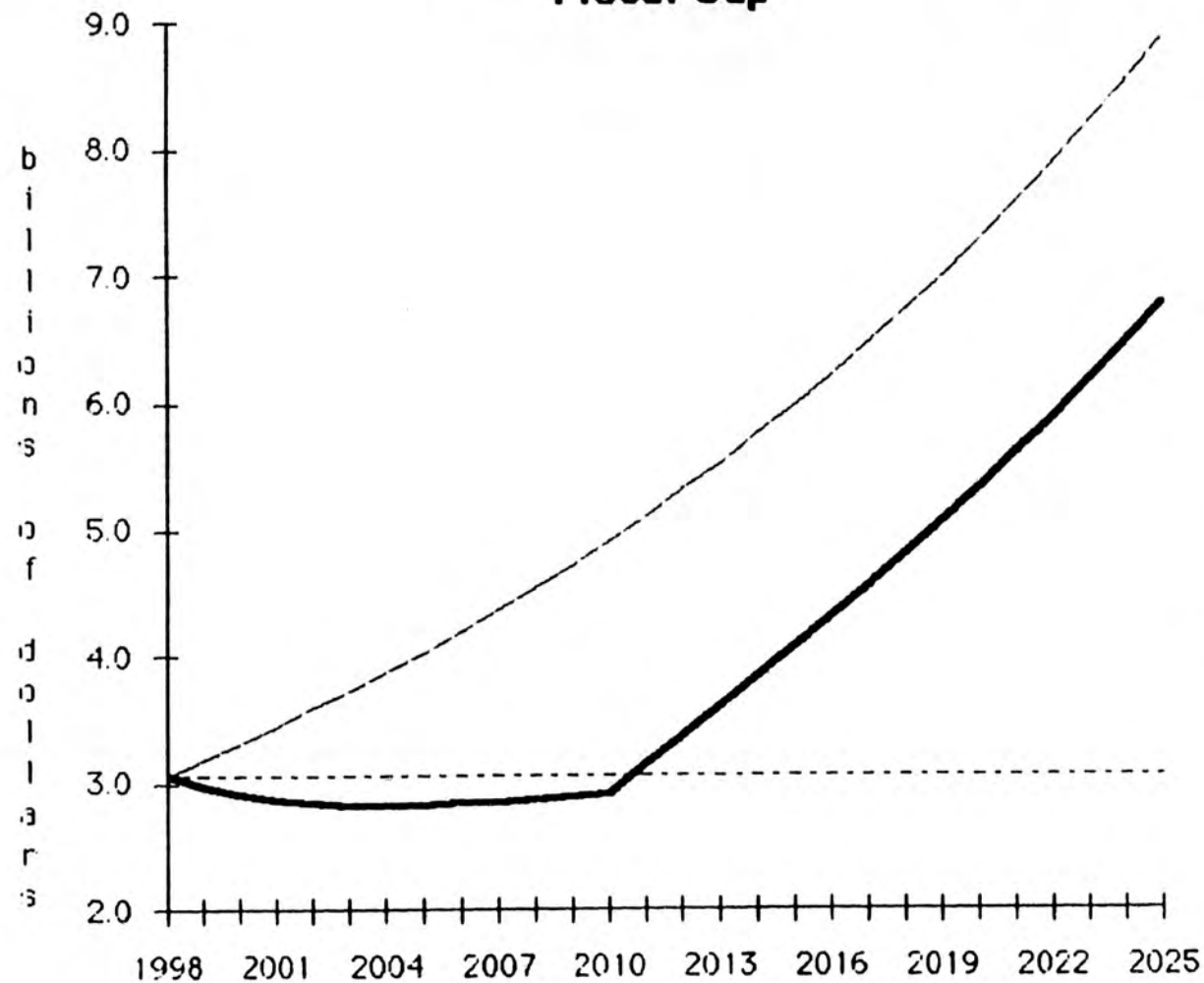
final withdrawal rate begins: 2010



-- present spending level
— present spending level (inflation-proofed)
— income

System of Sustainable State Spending

Fiscal Gap



projections: spring 1995

initial year withdrawal: 16.0%

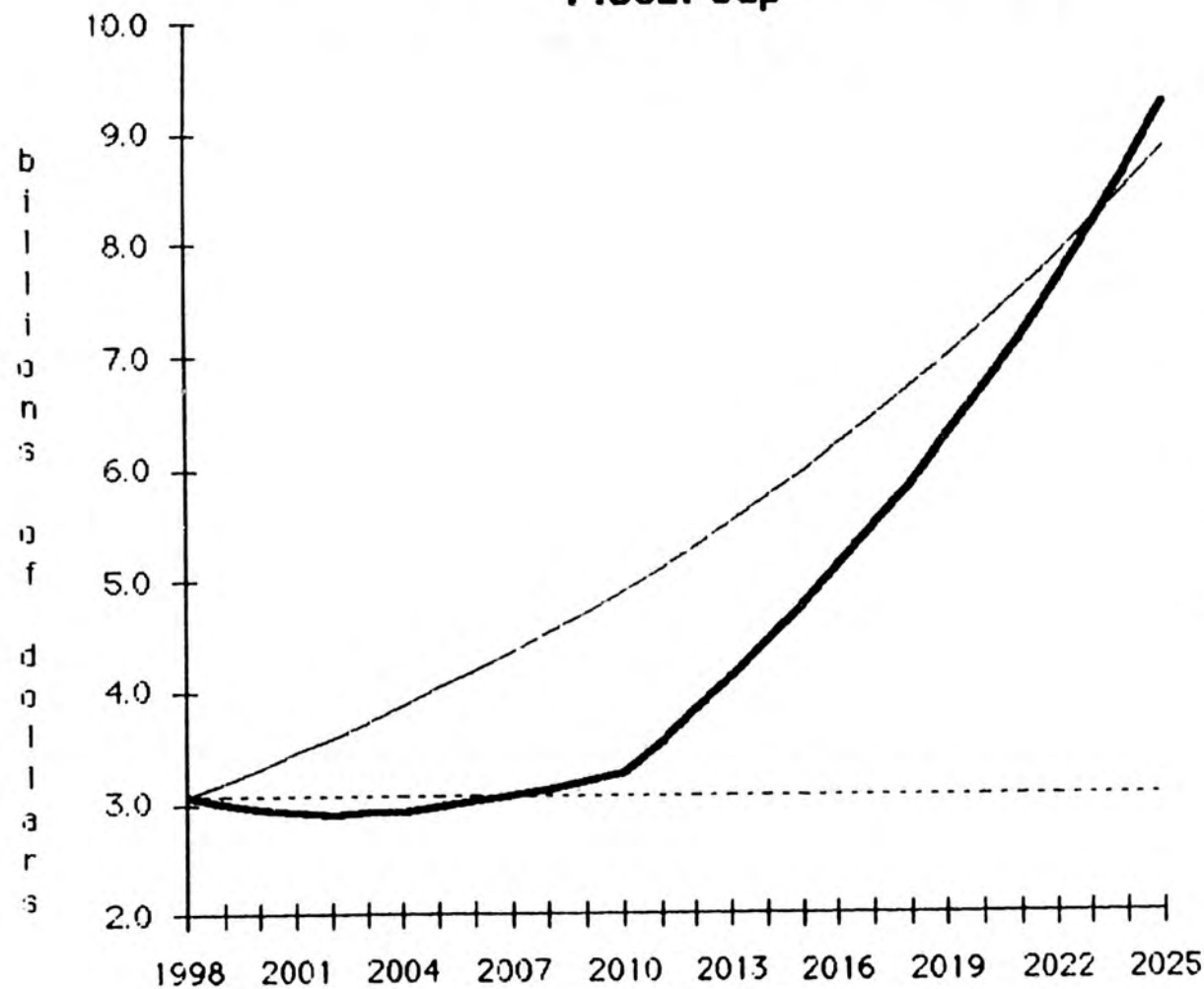
enhancement: 6.0%

final withdrawal rate begins: 2010

-- present spending level
— present spending level (inflation-proofed)
— income

System of Sustainable State Spending

Fiscal Gap



projections: spring 1995

initial year withdrawal: 16.0%

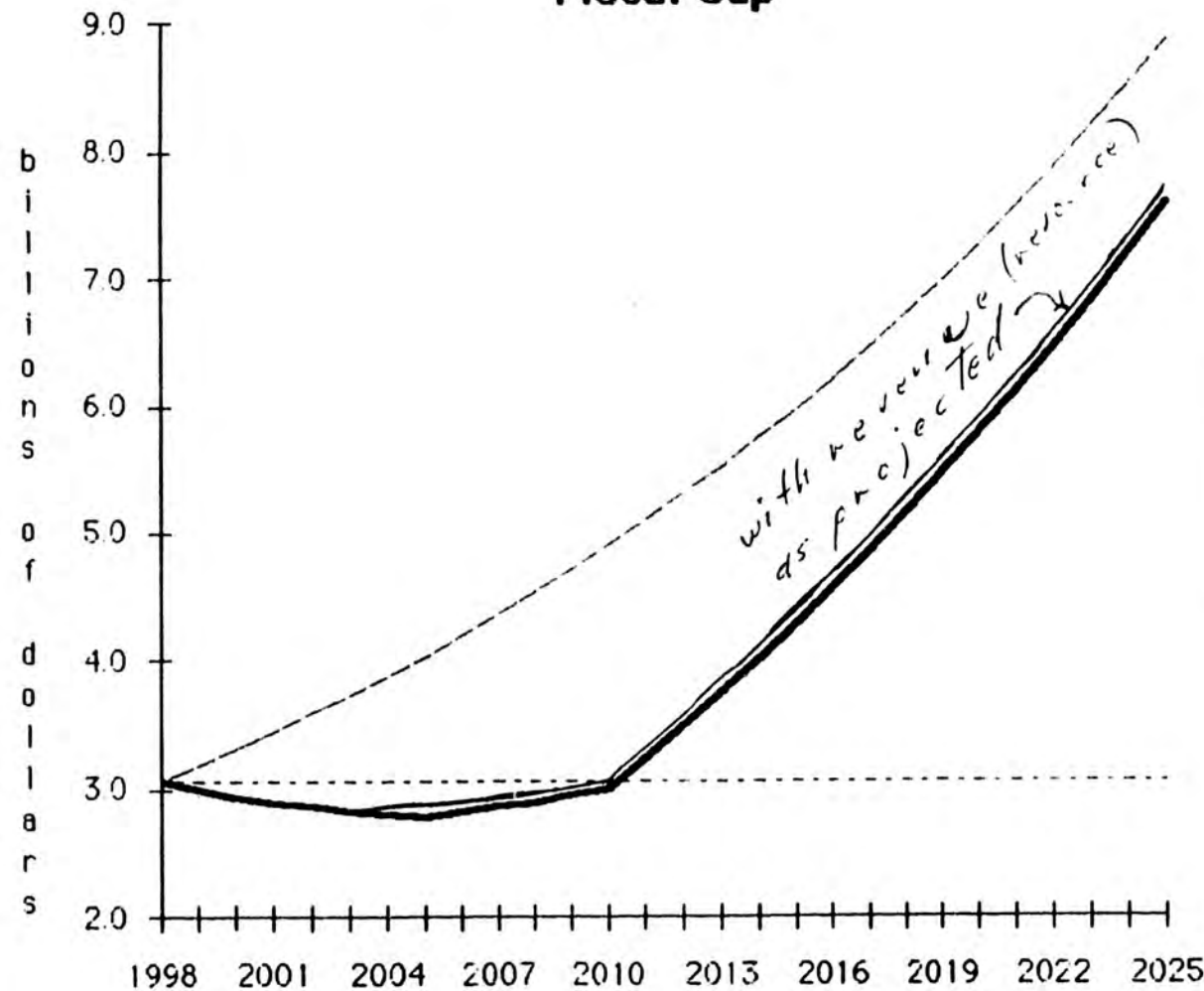
enhancement: 10.0%

final withdrawal rate begins: 2010

-- present spending level
— present spending level (inflation-proofed)
— income

System of Sustainable State Spending

Fiscal Gap



projections: spring 1995

initial year withdrawal: 16.0%

enhancement: 8.0%

final withdrawal rate begins: 2010

- present spending level
- present spending level (inflation-proofed)
- income

Resource revenue at 50% in 2002

System of Sustainable State Spending

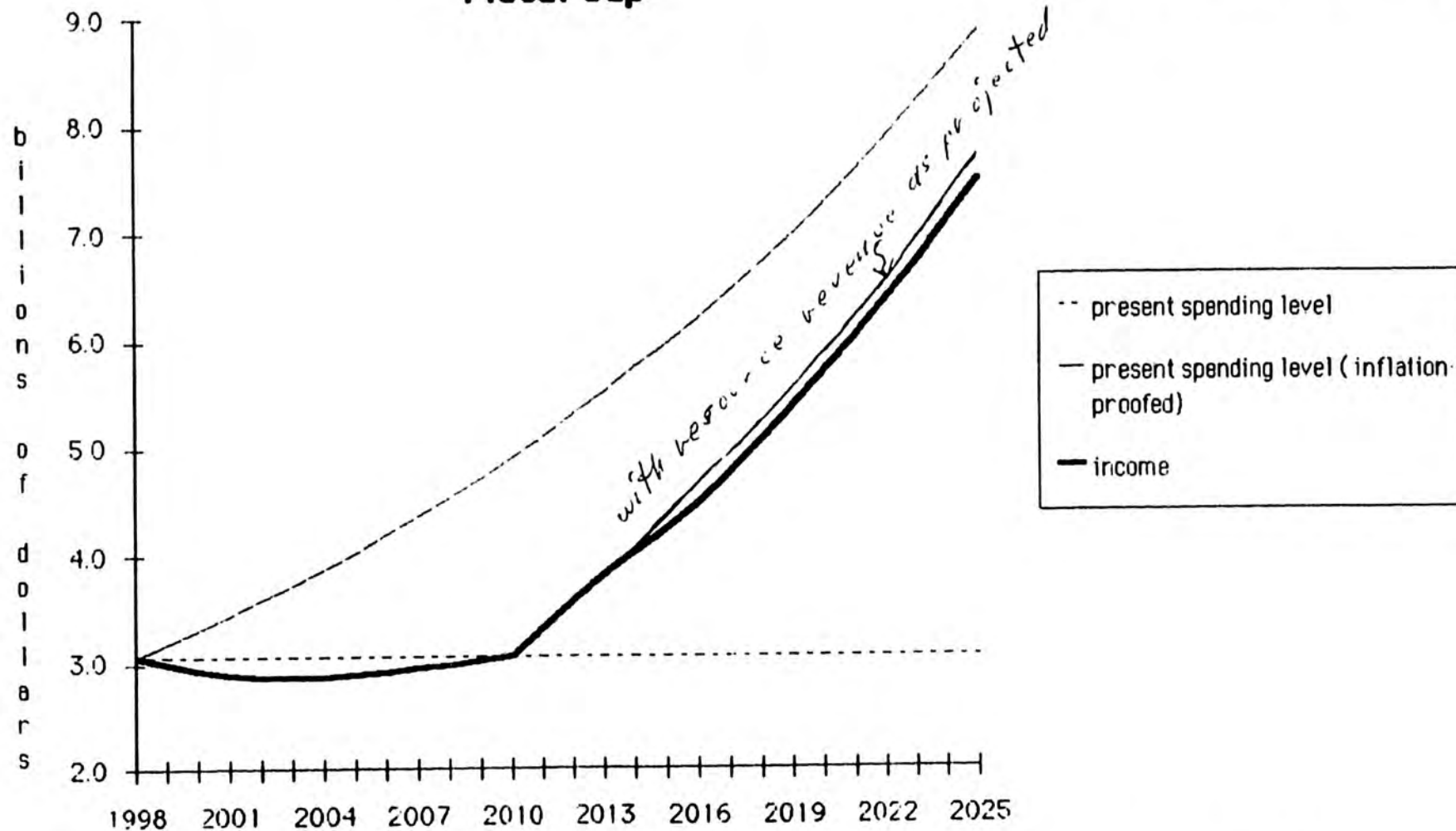
Fiscal Gap

projections: spring 1995

initial year withdrawal: 16.0%

enhancement: 8.0%

final withdrawal rate begins: 2010

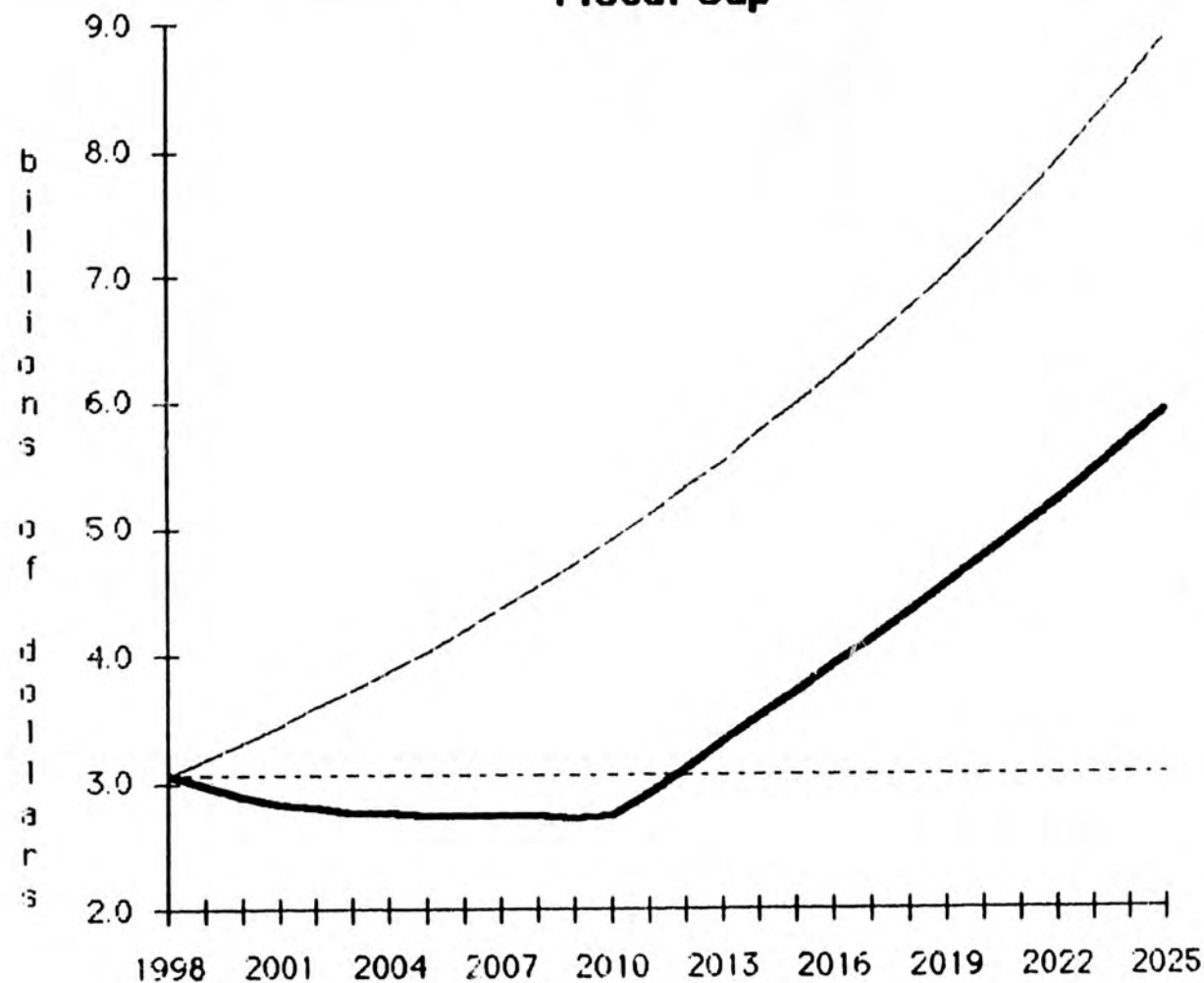


No resource revenue in 2012 & 2013

9/28/98

System of Sustainable State Spending

Fiscal Gap

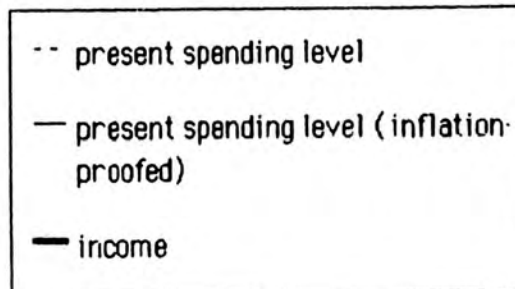


projections: spring 1995

initial year withdrawal: 16.0%

enhancement: 0.0%

final withdrawal rate begins: 2010



System of Sustainable State Spending

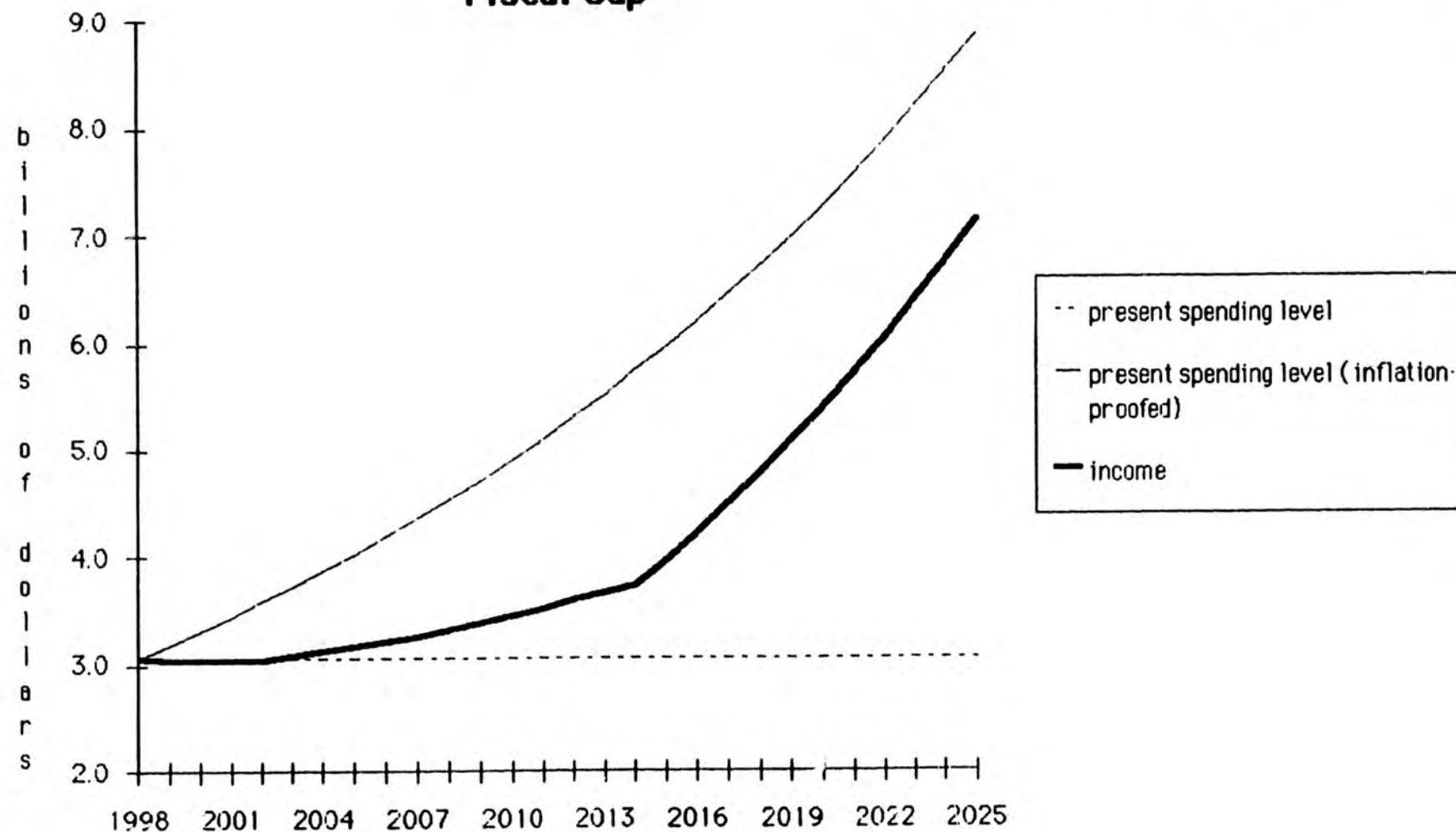
projections: spring 1995

initial year withdrawal: 16.0%

enhancement: 8.0%

final withdrawal rate begins: 2014

Fiscal Gap



Creso

System of Sustainable State Spending

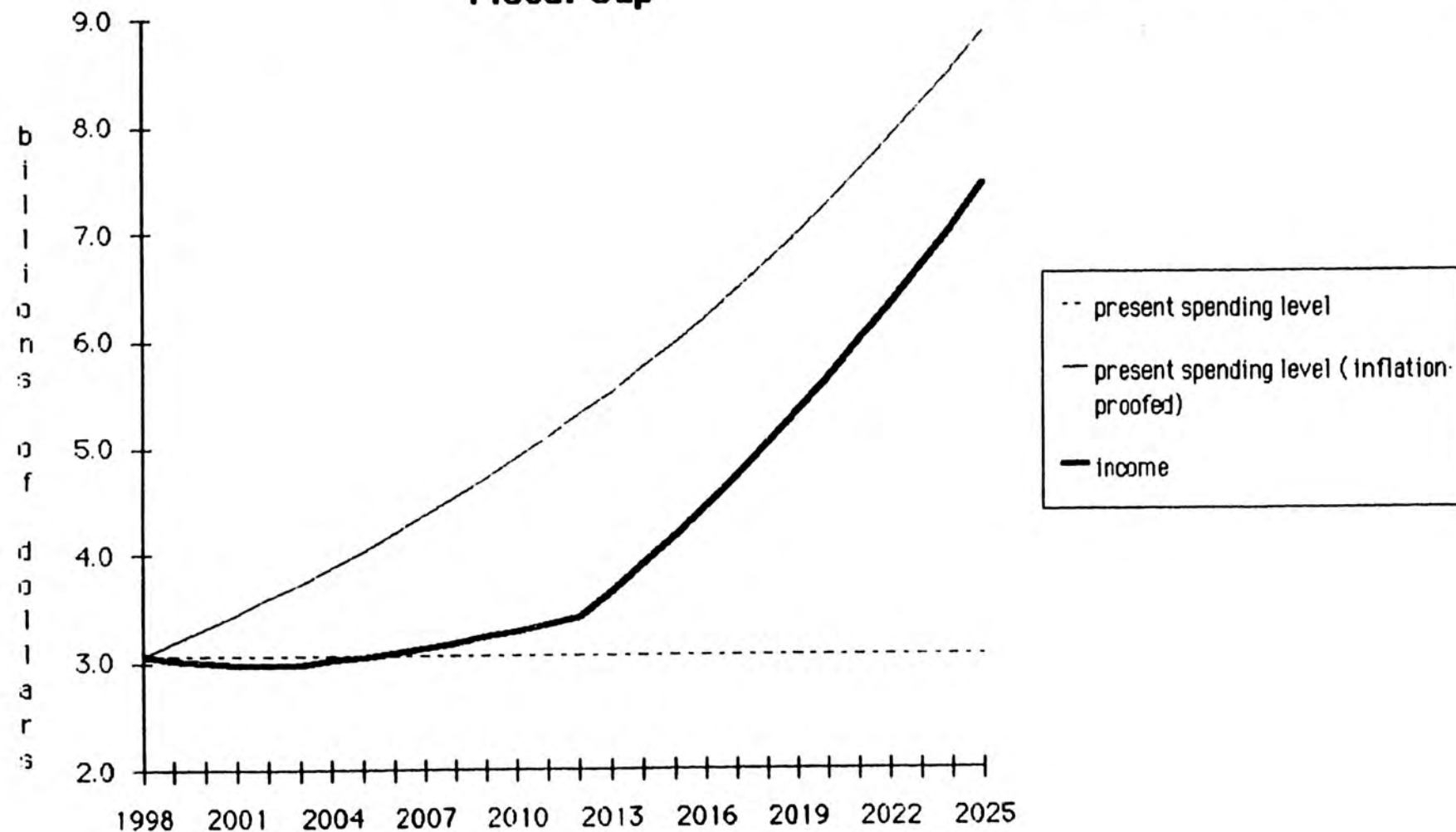
projections: spring 1995

initial year withdrawal: 16.0%

enhancement: 8.0%

final withdrawal rate begins: 2012

Fiscal Gap



System of Sustainable State Spending

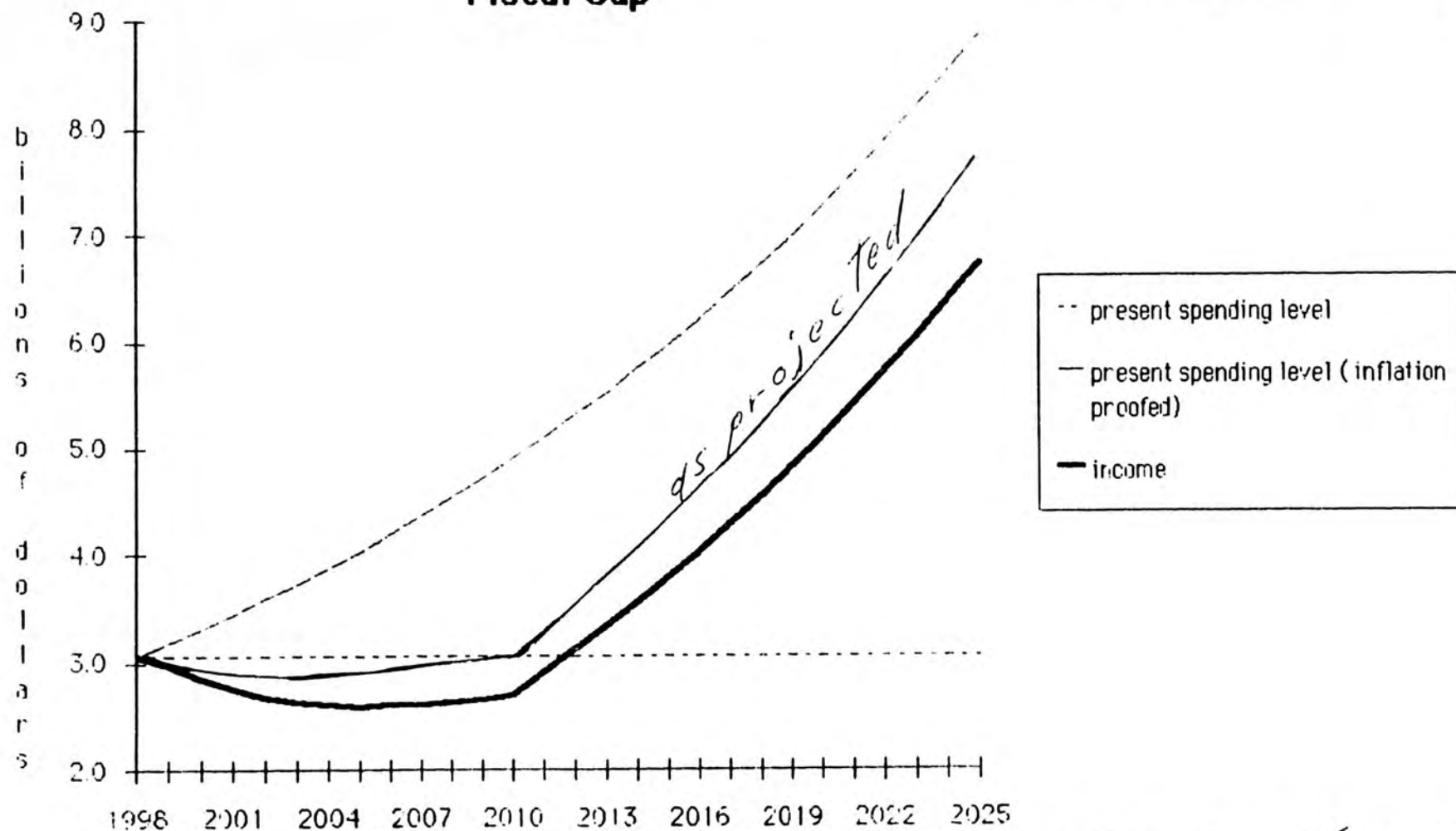
Fiscal Gap

projections: spring 1995

initial year withdrawal: 16.0%

enhancement: 8.0%

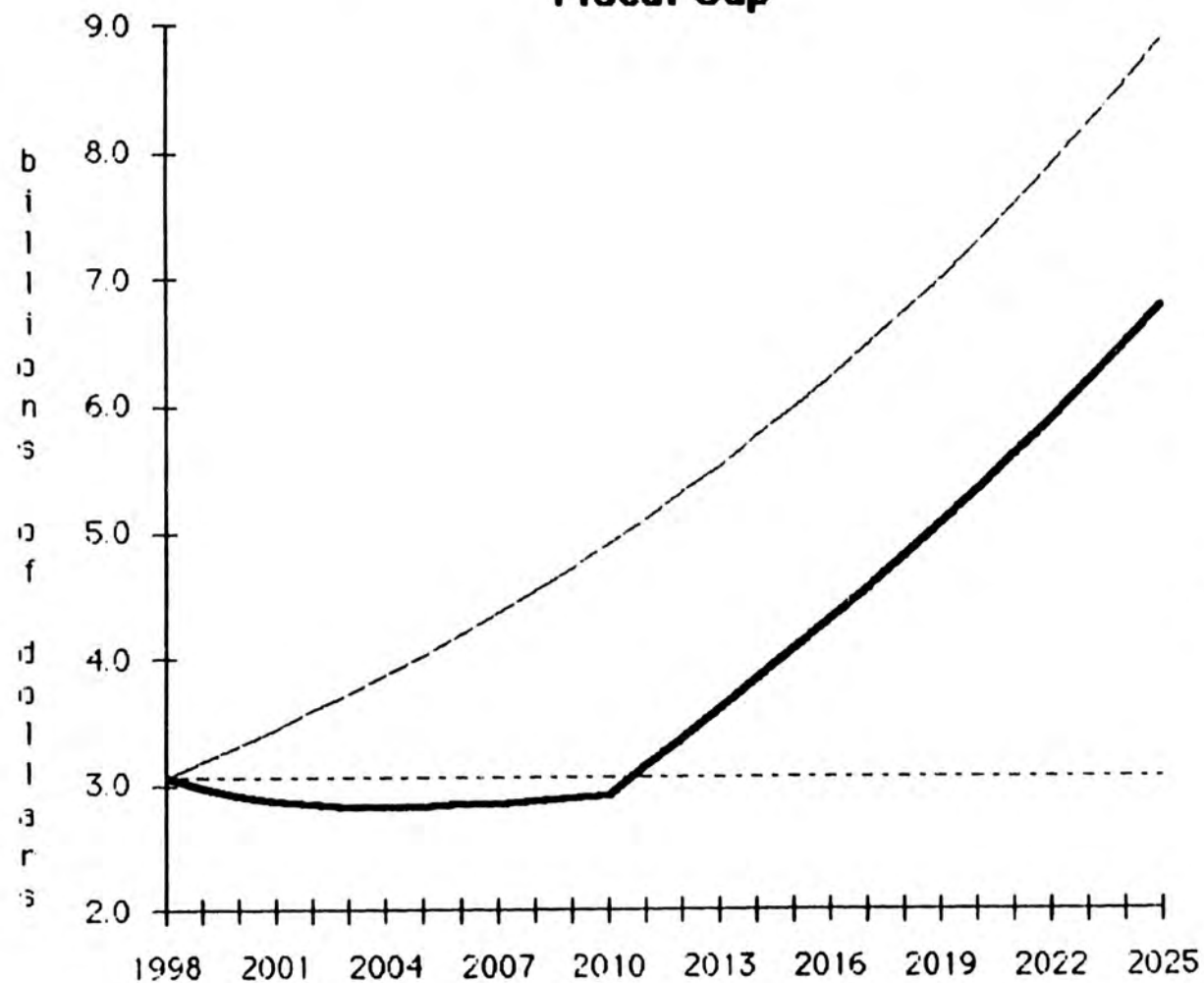
final withdrawal rate begins: 2010



Resource revenue at 3/4 of projected in all years

System of Sustainable State Spending

Fiscal Gap



projections: spring 1995

initial year withdrawal: 16.0%

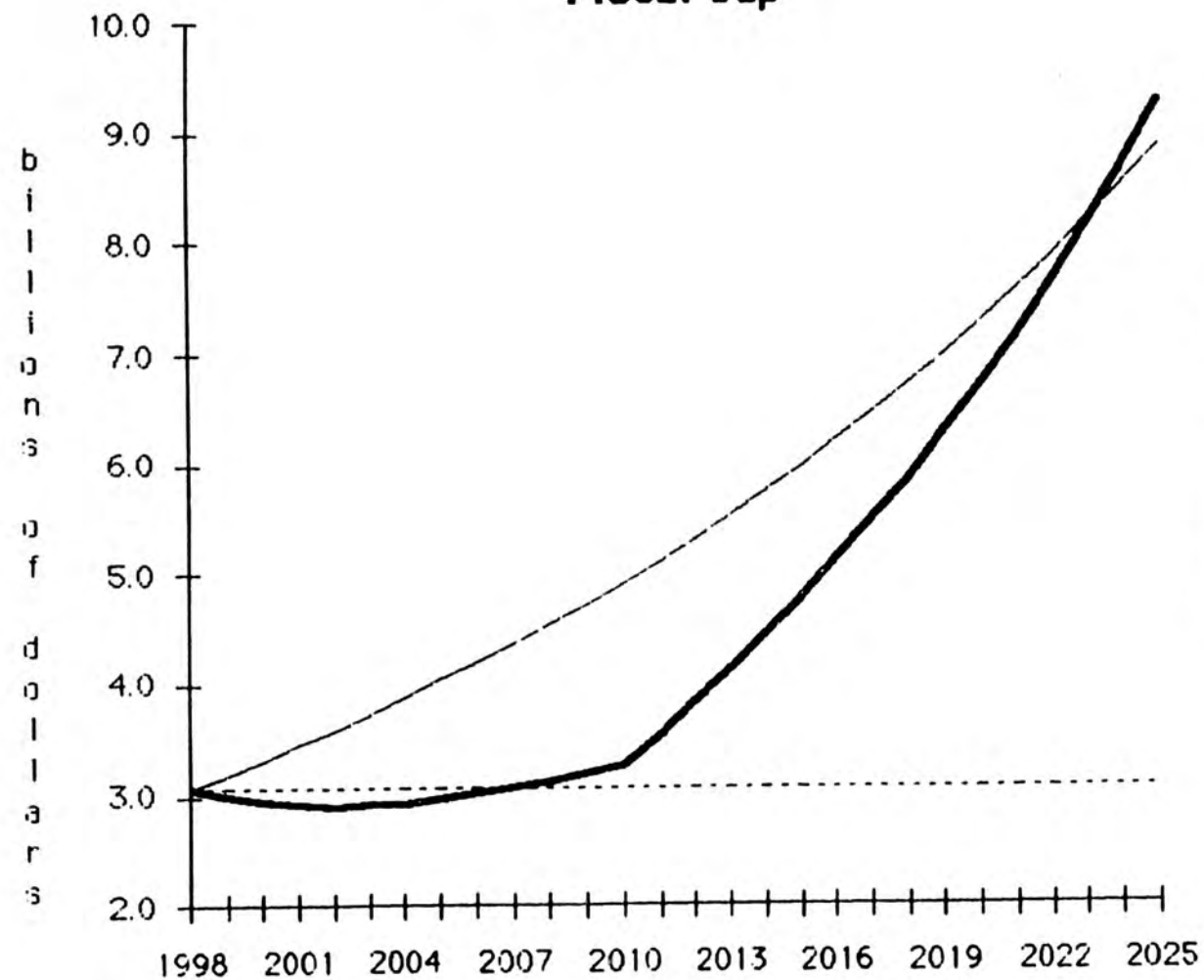
enhancement: 6.0%

final withdrawal rate begins: 2010

-- present spending level
— present spending level (inflation-proofed)
— income

System of Sustainable State Spending

Fiscal Gap



projections: spring 1995

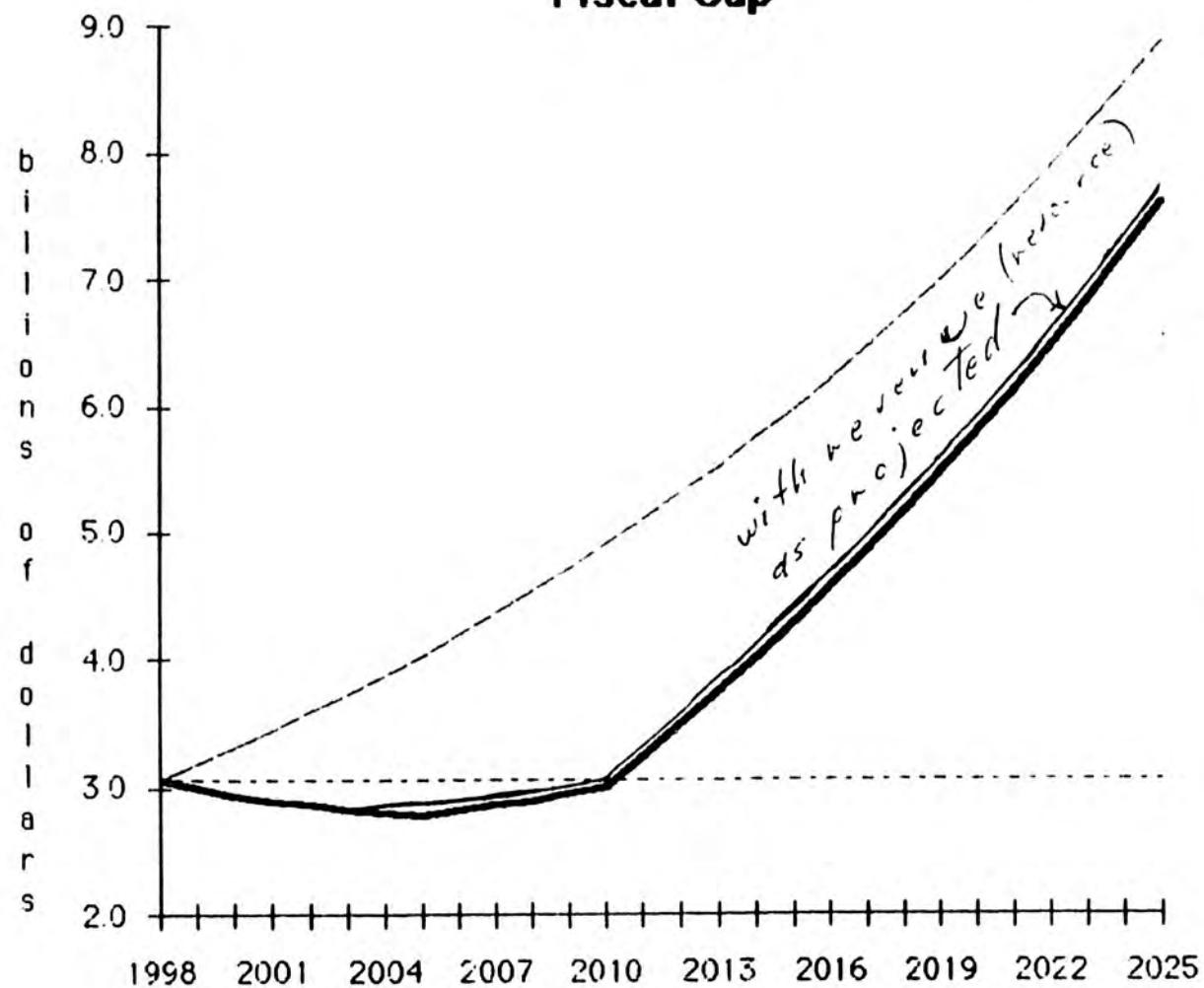
initial year withdrawal: 16.0%

enhancement: 10.0%

final withdrawal rate begins: 2010

System of Sustainable State Spending

Fiscal Gap

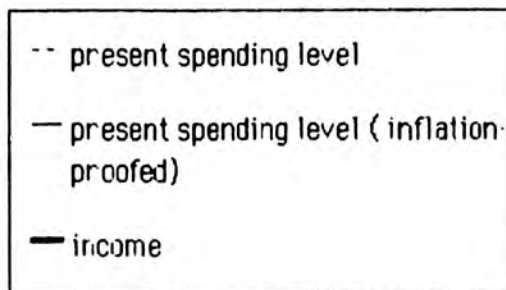


projections: spring 1995

initial year withdrawal: 16.0%

enhancement: 8.0%

final withdrawal rate begins: 2010



Resource revenue at 50% in 2002

System of Sustainable State Spending

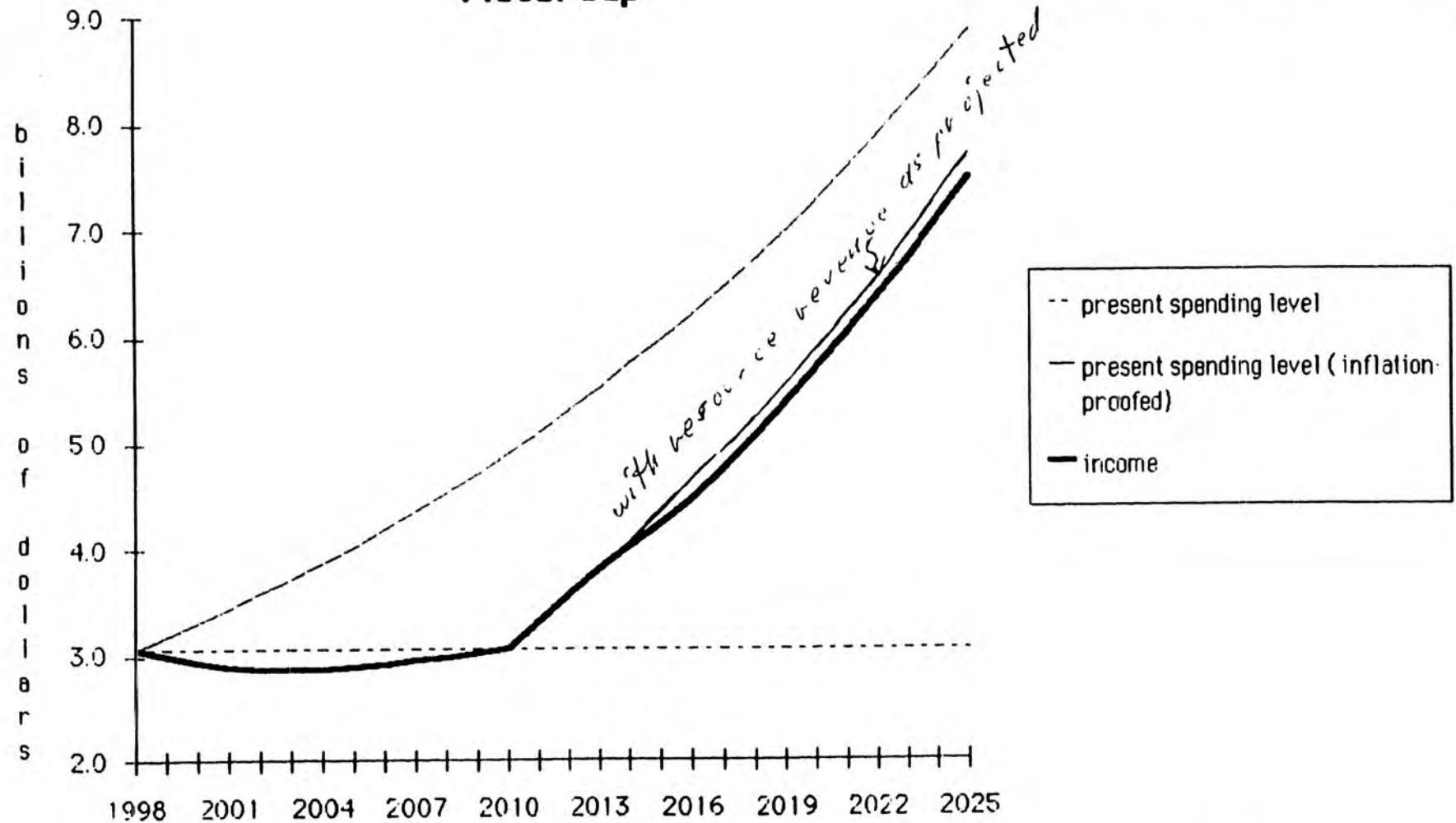
Fiscal Gap

projections: spring 1995

initial year withdrawal: 16.0%

enhancement: 8.0%

final withdrawal rate begins: 2010



No resource revenue in 2012 & 2013

System of Sustainable State Spending

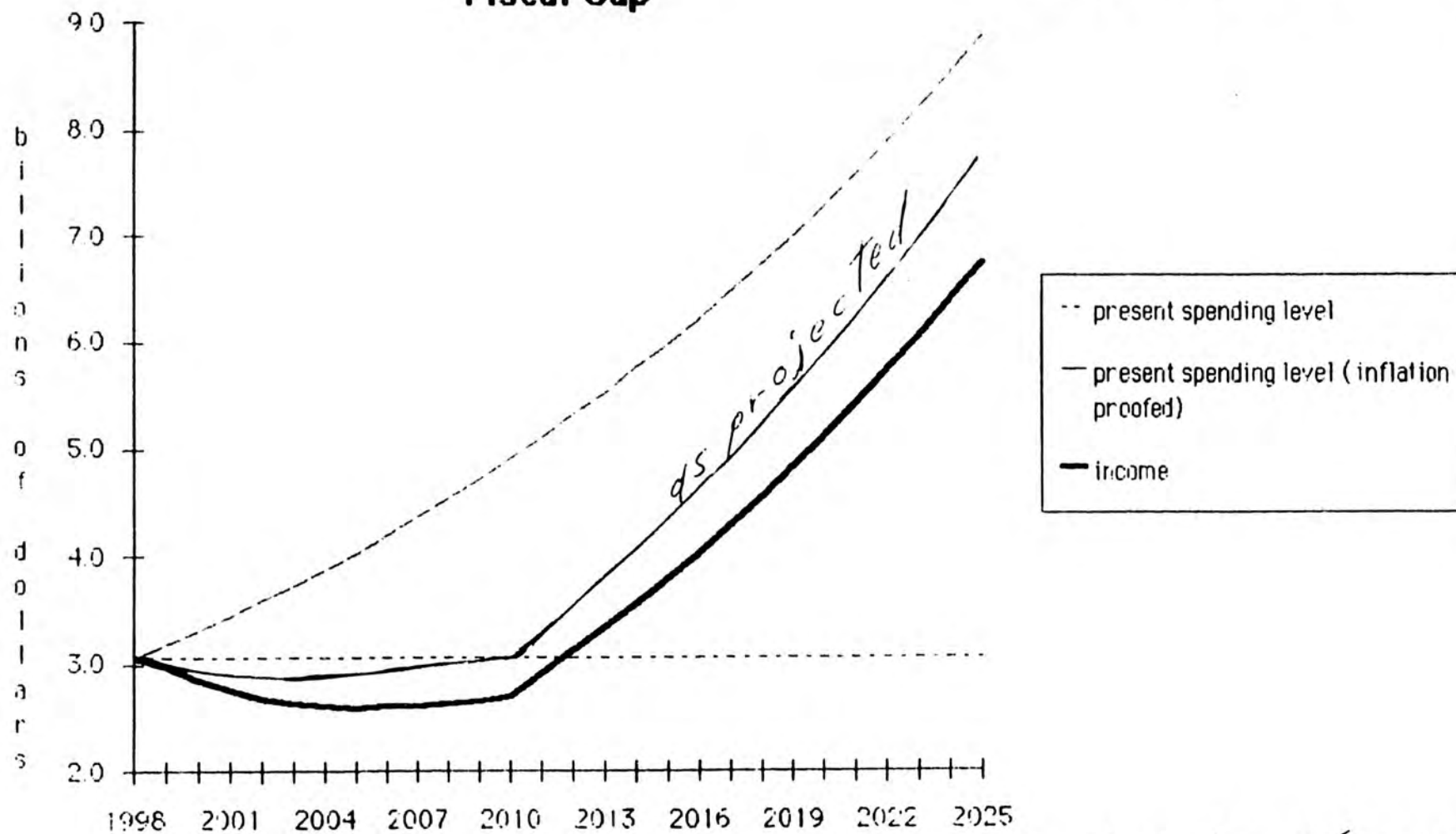
Fiscal Gap

projections: spring 1995

initial year withdrawal: 16.0%

enhancement: 8.0%

final withdrawal rate begins: 2010



Resource revenue at $\frac{3}{4}$ of projected in all years

System of Sustainable State Spending

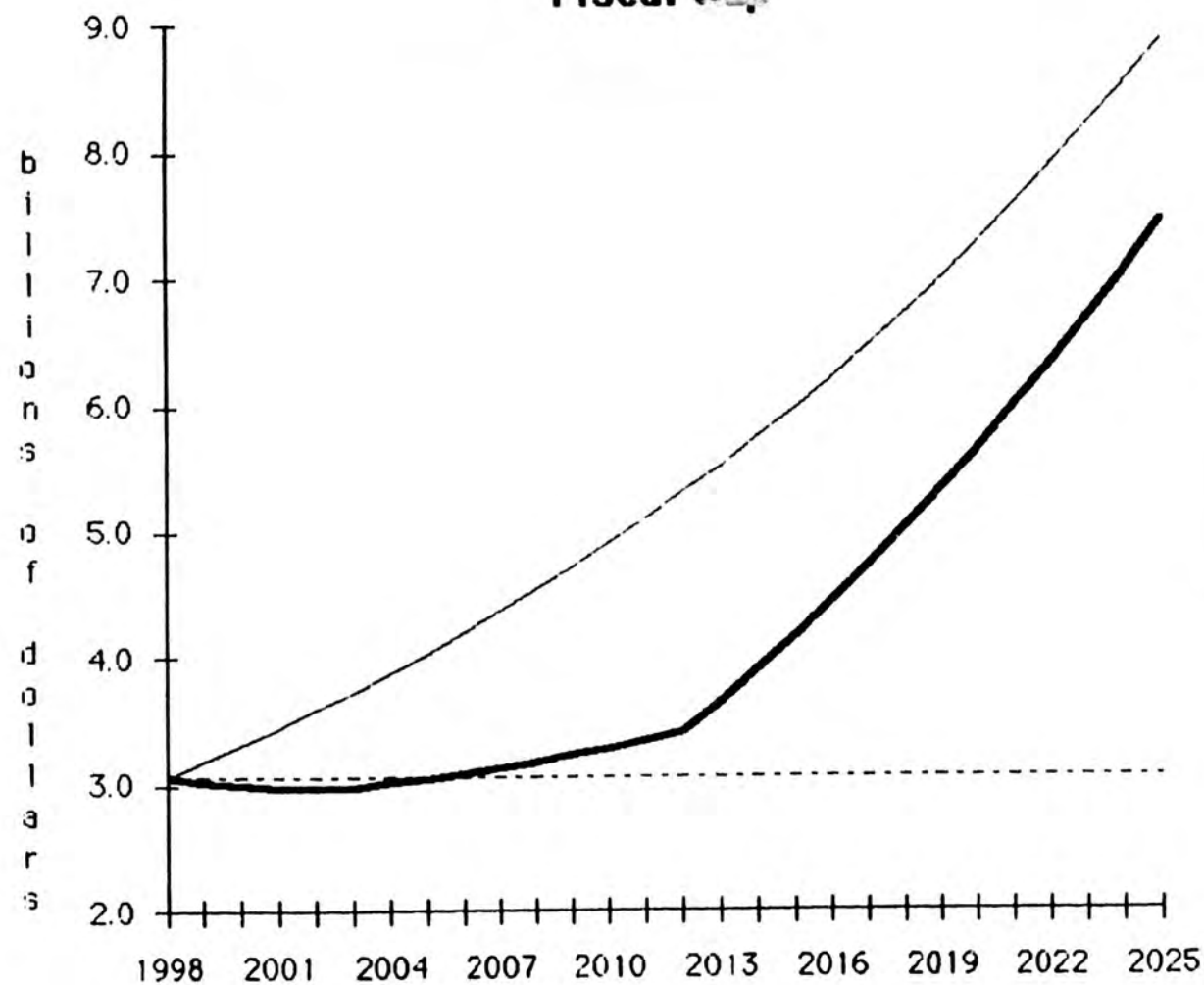
projections: spring 1995

initial year withdrawal: 16.0%

enhancement: 8.0%

final withdrawal rate begins: 2012

Fiscal Gap



-- present spending level

— present spending level (inflation-proofed)

— income

TOUGH MEDICINE

**AN ANALYSIS OF THE "CREMO PLAN"
TO SEE UNDER WHAT CIRCUMSTANCES
IT CAN SUCCEED**

(Executive Summary Only)

By Thomas K. Williams

**Submitted to the
Alaska Long-Range Financial Planning Commission**

September 15, 1995

EXECUTIVE SUMMARY

by Thomas K. Williams*

The Cremo Plan is appealingly simple and direct: to put aside all state revenue from non-renewable natural resources — be it royalty, lease rentals and bonuses, or taxes — into the Permanent Fund, and let state government withdraw only a specified percentage of the Fund's balance at the beginning of each fiscal year for spending during that year. Non-resource revenues and revenues from renewable natural resources (e.g., timber, fishing) would not be deposited into the Permanent Fund, but would remain 100% available for spending. Earnings from the Fund's investments would remain in the Fund and would be included in the balance to which the withdrawal percentage applies.

By setting the long-term withdrawal percentage to correspond with the average sustainable real earnings rate of the Fund, it will grow and grow while contributing ever larger amounts of money to help support the costs of state government. But initially the withdrawal rate will have to be higher than this and then brought down gradually to the long-term rate over a number of years under a transition rule, to avoid sudden and severe economic disruptions.

This report shows that only the following combination of fiscal measures will allow the Cremo Plan to succeed ultimately:

- **Cut real per-capita spending for education by 1.95% a year to a total reduction of 24.40%**
- **Cut real per-capita non-education spending by 3.90% a year to a total reduction of 24.40%**
- **Reduce Permanent Fund Dividends by 97.6%**
- **Reimpose the personal income tax at 1.464 times the old rates, and**
- **Enact a 5.86% state sales tax**

Minor variations within this basic framework can also lead to success, if they offset each other. For instance, income tax rates could come down slightly if a higher sales tax is adopted.

* Mr. Williams is currently Alaska Tax Counsel for BP Exploration (Alaska) Inc. Previously he worked for the State of Alaska as an attorney in the Attorney General's Office (1973-75), as Director of Petroleum Revenue in the Department of Revenue (1975-79) and as Commissioner of Revenue for Governor Hammond (1979-82). After leaving state service he was in private legal practice with Bogle & Gates in Anchorage (1983-84) and then was General Counsel for Cook Inlet Region, Inc. (1984-87). **This report reflects the views and opinions solely of Mr. Williams and should not be taken in any way as reflecting any view or opinion on the part of his employer.**

If a Gas Pipeline from the North Slope (or other economic development that would generate comparable state revenues) were built by FY 2005, either the Permanent Fund Dividends could be kept pretty much as they are now, or the sales tax could be avoided, or the income tax rates could be lowered to just a little higher than what they used to be instead of 1.5 times those rates. However, the Pipeline is not totally within the control of either the state or the North Slope producers, and it would be foolish and terribly risky to embark on the Cremo Plan assuming that the conditions to build the Pipeline would all come completely together in time to make the Plan work.

The preliminary report of the Long-Range Financial Planning Commission lists a number of other tax ideas, user fees and a state lottery as alternatives to help bridge the fiscal gap. If *all* of those ideas were adopted so as to raise a total of \$300 million a year, then either the sales tax could be eliminated, or the income tax could be reimposed at about its old rates, or a significant part of the present PFD program could be retained.

In no case is there success if spending cuts of the order described are not taken.

A failure to adopt all of these measures will result in a catastrophic failure of the Cremo Plan. This failure will take one of two forms: Either there will be a terrible crash in the state economy when Alaska suddenly runs out of spendable funds. Or the withdrawals from the Permanent Fund to avoid these economic shocks will be too great for it to sustain, and the Permanent Fund will be destroyed.

These measures are tough medicine for Alaska to swallow, but it requires exactly such tough medicine to cure the fiscal hangover that we have from the intoxicating days when there were almost unlimited petrodollars flowing into the state treasury. The good news is, at least there is a cure.

TOUGH MEDICINE

**AN ANALYSIS OF THE "CREMO PLAN"
TO SEE UNDER WHAT CIRCUMSTANCES
IT CAN SUCCEED**

By Thomas K. Williams

APPENDIX

**Submitted to the
Alaska Long-Range Financial Planning Commission**

September 15, 1995

CASE 01, CREMO PLAN ANALYSIS

FY	Perm. Fund Principal at FY Start	Perm. Fund Earnings during FY	100% of Royalty Revenues	100% of Rentals & Shared Fed'l Resource Rev.	100% of Bonuses	Prod'n Tax	AS 43.56 State Share	Oil & Gas Corporate Income Tax	Collections from Prior Years	Gas Pipeline	ANWR	Lift Oil Export Ban	Total Petroleum Revenues
1998	13,939.33	400.20	818.19	13.52	0.00	695.39	41.82	76.36	13.40	0.00	0.00	0.00	1,658.68
1999	13,141.19	375.59	841.76	12.45	0.00	670.52	37.17	72.28	13.40	0.00	0.00	0.00	1,647.59
2000	12,274.05	348.57	831.16	11.47	0.00	656.27	33.28	67.55	13.40	0.00	0.00	0.00	1,613.14
2001	11,312.52	318.66	807.73	10.56	0.00	649.71	29.58	63.05	13.40	0.00	0.00	0.00	1,574.02
2002	10,249.88	285.15	776.10	9.72	0.00	625.53	26.48	58.75	0.00	0.00	0.00	0.00	1,496.58
2003	9,045.13	247.60	746.79	8.95	0.00	596.69	23.69	56.18	0.00	0.00	0.00	0.00	1,432.30
2004	7,708.90	206.24	721.12	8.24	0.00	572.48	21.05	52.98	0.00	0.00	0.00	0.00	1,375.87
2005	6,246.62	161.05	693.26	7.59	0.00	545.50	18.76	49.92	0.00	0.00	0.00	0.00	1,315.03
2006	4,651.30	111.48	653.79	6.98	0.00	502.21	16.66	47.00	0.00	0.00	0.00	0.00	1,226.64
2007	2,892.38	57.13	617.29	6.43	0.00	462.55	14.80	43.54	0.00	0.00	0.00	0.00	1,144.62
2008	973.26	0.00	623.52	5.92	0.00	436.16	13.24	40.25	0.00	0.00	0.00	0.00	1,119.10
2009	0.00	0.00	589.02	5.45	0.00	404.91	11.77	37.12	0.00	0.00	0.00	0.00	1,048.26
2010	0.00	0.00	554.64	5.02	0.00	374.92	10.37	35.37	0.00	0.00	0.00	0.00	980.32

FY	Non-Petrol. Non-Intr'st Revenues	AHFC Dividends	Personal Income Tax	State Sales Tax	Other	Total Non- Resource Revenues	STATE SPENDING					DRAW FROM PERMANENT FUND	Draw as %-age of Perm. Fund
							Education (K-12)	Other Operating	PFDs	Capital	TOTAL		
1998	242.16	44.39	0.00	0.00	0.00	286.55	811.51	1,982.51	219.54	150.00	3,143.57	2,857.02	20.50%
1999	241.75	43.03	0.00	0.00	0.00	284.78	824.41	1,993.72	206.97	150.00	3,175.10	2,890.33	21.99%
2000	241.32	41.70	0.00	0.00	0.00	283.02	837.52	2,025.42	193.32	150.00	3,206.25	2,923.23	23.82%
2001	240.90	40.41	0.00	0.00	0.00	281.31	850.84	2,057.62	178.17	150.00	3,236.63	2,955.32	26.12%
2002	240.48	39.17	0.00	0.00	0.00	279.65	864.37	2,090.34	161.44	150.00	3,266.14	2,986.49	29.14%
2003	240.06	37.96	0.00	0.00	0.00	278.02	878.11	2,123.57	142.46	150.00	3,294.14	3,016.12	33.35%
2004	239.64	36.79	0.00	0.00	0.00	276.43	892.07	2,157.34	121.42	150.00	3,320.82	3,044.39	39.49%
2005	239.22	35.66	0.00	0.00	0.00	274.88	906.26	2,191.64	98.38	150.00	3,346.28	3,071.40	49.17%
2006	238.80	34.56	0.00	0.00	0.00	273.36	920.67	2,226.49	73.26	150.00	3,370.41	3,097.05	66.58%
2007	238.39	33.49	0.00	0.00	0.00	271.88	935.30	2,261.89	45.55	150.00	3,392.75	3,120.87	107.90%
2008	237.98	32.46	0.00	0.00	0.00	270.44	950.18	2,297.85	15.33	150.00	3,413.36	3,142.92	322.93%
2009	237.56	31.46	0.00	0.00	0.00	269.02	965.28	2,334.39	0.00	150.00	3,449.67	3,180.65	#DIV/0!
2010	237.15	30.49	0.00	0.00	0.00	267.64	980.63	2,371.51	0.00	150.00	3,502.14	3,234.50	#DIV/0!

CASE 01, CREMO PLAN ANALYSIS

ASSUMPTIONS

DOR Revenue Scenario: 1="Low," 2="Base," 3="High"

2 <====SOURCE: DOR Spring '95 Revenue Forecast

Lift Oil Export Ban? 1=Y, 0=N

0

Permanent Fund

Permanent Fund Principal: FMV @ Year-End FY 1994

\$13,311 MM

Permanent Fund: Sustainable Long-Term Real Earnings Rate

3.00%

Other Cash Reserves at Start of FY98 to Put into Perm. Fund

\$0

Drawdown Limited under Transition Rule? 1=Y, 0=N

0

FY	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
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Limit

FY	2009	2010
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Limit

Permanent Fund Dividends

Will PFDs Continue? 1=Y, 0=N

1

What %-age of Fund's Real Earnings Goes for PFDs?

52.50%

Will PFDs be Capped? 1=Y, 0=N

0

If so, what?

\$200 (nominal) per capita

Population

Population as of 1/1/95 (mid-point of FY 1995)

611,089 <==Avg. of Ak. DOL estimates as of 7/1/94 and 7/1/95

Population Rate of Increase/(Decrease)

1.59%

Non-Petroleum Revenues

State Income Tax Adopted? 1=Y, 0=N

0

State Income Tax Rates

1 times old rates

Real Inc. Tax Collected/Yr per Capita @ Old Rates

\$809 SOURCE: See calc. below==>

\$494.62 MM/yr (real)

State Sales Tax Adopted? 1=Y, 0=N

0

State Sales Tax Rate

0.00%

Real Sales Tax Collected/Yr per Capita @ Given Rate

\$0.00 SOURCE: ALRFPC Prelim.Rpt.

\$58.00 MM/yr (real) for 1% tax

What, if anything, is "Other"?

Growth in Expenditures

FY95 Real Per Capita State OpEx - Education K-12

\$1,267 FY 1996 Actual=====>

\$774 MM (real)

Growth in Real Per Capita Education OpEx

0.00%

Floor on Real Education OpEx Per Capita? 1=Y, 0=N

0

If so, what?

\$1,000 (real) per capita

FY 95 Real Per Capita State OpEx - Non-Education

\$3,063 Based on FY 1996 TOTAL==>

\$1,872 MM (real) (fig. incl. K-12 grants)

Growth in Real Per Capita Non-Education OpEx

0.00%

Floor on Real Non-Education OpEx Per Capita? 1=Y, 0=N

0

If so, what?

\$2,000 (real) per capita

Real Per Capita State CapEx

\$245

\$150 MM/Yr (real)

Growth in Real Per Capita CapEx

0.00%

Floor on Real CapEx Per Capita? 1=Y, 0=N

0

If so, what?

(real) per capita

Natural Gas Pipeline Built? 1=Y, 0=N

0

Pipeline Cost

\$15 billion (real)

Completion Date: Choices are 2000, 2003, 2005, 2008

2005

Peak Population Effect during Construction

40,000

%-age of Construction Population Staying Long-Term

15% DOR "low"

30% DOR "mid"

40% DOR "high"

Wellhead Gas Price

\$1.00 /Mcf (real)

Personal Income Tax Calculation (AK residents' portion only):

Income Class (tax bracket)	No. of Returns	Income (\$MM)	Fed'l Adj. Gross AK. Exempt'ns & Ded'ns (\$MM)	AK. Taxable Income (\$MM)	Avg. Taxable Inc./Return	Single Filers 44%	Joint Filers 49%	Head of House 7%	Total Tax (\$MM)
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\$0—\$29,999	233,370	1,805.39	1,133.05	672.34	\$2,881	9.33	3.02	1.48	13.83
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\$30,000—49,999	52,100	2,051.28	675.21	1,376.07	26,412	40.37	31.88	5.67	77.92
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\$50,000—\$74,999	37,460	2,288.19	615.69	1,672.50	44,648	60.73	50.32	8.12	119.17
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\$75,000 and up	29,809	3,602.09	650.52	2,951.57	99,016	139.85	123.96	19.89	283.70
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TOTAL	352,739								494.62
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CASE 01, CREMO PLAN ANALYSIS

REAL \$

	100% of Royalty Revenues			Rentals, Bonuses & Shared Fed'l \$\$			Production Tax			State's AS 43.56 Share		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1998	670.28	818.19	946.22	13.98	13.52	12.88	570.95	695.39	807.30	43.24	41.82	39.82
1999	670.09	841.76	1,003.01	13.02	12.45	11.69	525.10	670.52	809.89	38.86	37.17	34.91
2000	630.60	831.16	1,050.11	12.12	11.47	10.62	487.58	656.27	827.80	35.16	33.28	30.81
2001	585.66	807.73	1,059.37	11.26	10.56	9.63	459.88	649.71	846.53	31.56	29.58	26.99
2002	549.47	776.10	1,032.35	10.47	9.72	8.74	432.81	625.53	819.16	28.51	26.48	23.81
2003	516.38	746.79	1,007.03	9.73	8.95	7.93	407.11	596.69	787.49	25.75	23.69	20.99
2004	485.67	721.12	979.08	9.04	8.24	7.19	384.18	572.48	754.70	23.09	21.05	18.37
2005	452.58	693.26	944.30	8.41	7.59	6.53	359.68	545.50	718.86	20.78	18.76	16.13
2006	410.64	653.79	894.50	7.81	6.98	5.92	322.61	502.21	665.78	18.63	16.66	14.12
2007	372.87	617.29	840.90	7.26	6.43	5.37	289.16	462.55	617.42	16.71	14.80	12.37
2008	342.62	623.52	793.08	6.75	5.92	4.87	262.94	436.16	577.74	15.09	13.24	10.90
2009	312.48	589.02	739.80	6.27	5.45	4.42	236.55	404.91	537.46	13.54	11.77	9.54
2010	289.93	554.64	691.85	5.83	5.02	4.01	216.00	374.92	500.13	12.04	10.37	8.29

	Oil & Gas Corp. Inc. Tax			Non-Petr. Non-Interest Rev.		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1998						
1999						
2000	54.17	76.36	114.99	232.32	242.16	246.28
2001	51.27	72.28	105.85	234.43	241.75	242.42
2002	49.35	67.55	99.61	236.57	241.32	238.62
2003	46.56	63.05	92.18	238.40	240.90	234.73
2004	43.02	58.75	87.33	240.24	240.48	230.89
2005	40.44	56.18	81.39	242.10	240.06	227.13
2006	37.14	52.98	76.44	243.97	239.64	223.42
2007	33.18	49.92	70.55	245.86	239.22	219.77
2008	30.14	47.00	65.03	247.76	238.80	216.18
2009	27.98	43.54	60.43	249.67	238.39	212.65
2010	26.63	40.25	56.11	251.60	237.98	209.18
	23.89	37.12	52.56	253.55	237.56	205.76
	21.95	35.37	48.25	255.51	237.15	202.40

CASE 01, CREMO PLAN ANALYSIS

NOMINAL \$

	100% of Royalty Revenues			Rentals & Shared Fed'l \$\$			Production Tax			State's AS 43.56 Share		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1995												
1996												
1997												
1998	730.10	921.50	1,119.10	15.23	15.23	15.23	621.90	783.20	954.80	47.10	47.10	47.10
1999	745.00	978.20	1,241.30	14.47	14.47	14.47	583.80	779.20	1,002.30	43.20	43.20	43.20
2000	715.60	996.60	1,359.90	13.75	13.75	13.75	553.30	786.90	1,072.00	39.90	39.90	39.90
2001	679.30	999.30	1,436.50	13.06	13.06	13.06	533.40	803.80	1,147.90	36.60	36.60	36.60
2002	651.40	990.70	1,465.80	12.41	12.41	12.41	513.10	798.50	1,163.10	33.80	33.80	33.80
2003	625.70	983.60	1,497.20	11.79	11.79	11.79	493.30	785.90	1,170.80	31.20	31.20	31.20
2004	601.50	980.00	1,524.20	11.20	11.20	11.20	475.80	778.00	1,174.90	28.60	28.60	28.60
2005	572.90	972.10	1,539.30	10.64	10.64	10.64	455.30	764.90	1,171.80	26.30	26.30	26.30
2006	531.30	945.90	1,526.80	10.10	10.10	10.10	417.40	726.60	1,136.40	24.10	24.10	24.10
2007	493.10	921.50	1,502.90	9.60	9.60	9.60	382.40	690.50	1,103.50	22.10	22.10	22.10
2008	463.10	960.40	1,484.20	9.12	9.12	9.12	355.40	671.80	1,081.20	20.40	20.40	20.40
2009	431.70	936.10	1,449.70	8.66	8.66	8.66	326.80	643.50	1,053.20	18.70	18.70	18.70
2010	409.40	909.50	1,419.60	8.23	8.23	8.23	305.00	614.80	1,026.20	17.00	17.00	17.00

	Oil & Gas Corp. Inc. Tax			Non-Petr. Non-Interest Rev. (Corp. Inc. Tax Adj'd If Rate ≠ Old One)			INFLATION			Deflation Factors			Population
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	
1995							2.29%	2.91%	3.64%	0.97761267	0.97172286	0.96487843	611,089
1996							2.14%	2.99%	4.43%	0.95713009	0.94351186	0.92394755	620,805
1997							2.14%	2.99%	4.43%	0.93707665	0.91611388	0.88475299	630,676
1998	59.00	86.00	136.00	253.05	272.74	291.28	2.07%	3.18%	4.64%	0.91807254	0.88788513	0.84552083	640,704
1999	57.00	84.00	131.00	260.64	280.93	300.02	2.07%	3.18%	4.64%	0.89945385	0.86052057	0.80802831	650,891
2000	56.00	81.00	129.00	268.46	289.35	309.02	2.07%	3.18%	4.64%	0.88121275	0.83399939	0.77219831	661,240
2001	54.00	78.00	125.00	276.52	298.03	318.29	2.21%	3.18%	4.71%	0.86215903	0.80829559	0.73746377	671,754
2002	51.00	75.00	124.00	284.81	306.98	327.84	2.21%	3.18%	4.71%	0.8435173	0.78338398	0.70429163	682,435
2003	49.00	74.00	121.00	293.35	316.19	337.68	2.21%	3.18%	4.71%	0.82527864	0.75924015	0.67261162	693,286
2004	46.00	72.00	119.00	302.16	325.67	347.81	2.21%	3.18%	4.71%	0.80743434	0.73584042	0.64235663	704,309
2005	42.00	70.00	115.00	311.22	335.44	358.24	2.21%	3.18%	4.71%	0.78997587	0.71316187	0.61346254	715,508
2006	39.00	68.00	111.00	320.56	345.50	368.99	2.21%	3.18%	4.71%	0.7728949	0.69118228	0.58586815	726,885
2007	37.00	65.00	108.00	330.17	355.87	380.06	2.21%	3.18%	4.71%	0.75618325	0.66988009	0.55951499	738,442
2008	36.00	62.00	105.00	340.08	366.55	391.46	2.21%	3.18%	4.71%	0.73983294	0.64923444	0.53434724	750,183
2009	33.00	59.00	103.00	350.28	377.54	403.21	2.21%	3.18%	4.71%	0.72383616	0.62922508	0.51031156	762,111
2010	31.00	58.00	99.00	360.79	388.87	415.30	2.21%	3.18%	4.71%	0.70818527	0.60983241	0.48735705	774,229

CASE 01, CREMO PLAN ANALYSIS

NOMINAL \$

	Permanent Fund Deposits			Permanent Fund Dividends			Non-Petro. Corp. Inc. Tax (no adj for rate > old rate)			Non-Petr. Non-Interest Rev.		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1995	215.15	222.55	227.34				35.00	45.00	55.00			
1996	193.51	216.76	244.26				30.00	45.00	55.00			
1997	193.78	226.65	259.67				30.00	40.00	50.00			
1998				219.54	219.54	219.54	30.90	41.20	51.50	253.05	272.74	291.28
1999				206.97	206.97	206.97	31.83	42.44	53.05	260.64	280.93	300.02
2000				193.32	193.32	193.32	32.78	43.71	54.64	268.46	289.35	309.02
2001				178.17	178.17	178.17	33.76	45.02	56.28	276.52	298.03	318.29
2002				161.44	161.44	161.44	34.77	46.37	57.97	284.81	306.98	327.84
2003				142.46	142.46	142.46	35.81	47.76	59.71	293.35	316.19	337.68
2004				121.42	121.42	121.42	36.88	49.19	61.50	302.16	325.67	347.81
2005				98.38	98.38	98.38	37.99	50.67	63.35	311.22	335.44	358.24
2006				73.26	73.26	73.26	39.13	52.19	65.25	320.56	345.50	368.99
2007				45.55	45.55	45.55	40.30	53.76	67.21	330.17	355.87	380.06
2008				15.33	15.33	15.33	41.51	55.37	69.23	340.08	366.55	391.46
2009				0.00	0.00	0.00	42.76	57.03	71.31	350.28	377.54	403.21
2010				0.00	0.00	0.00	44.04	58.74	73.45	360.79	388.87	415.30

GAS PIPELINE					Completion in 2000			Completion in 2003		Completion in 2005		Completion in 2008	
Year	AS 43.56	100% of 1/8 Royalty	Prod. Tax	TOTAL	FY	State Rev.	Population Impact	State Rev.	Population Impact	State Rev.	Population Impact	State Rev.	Population Impact
1	90.00			90.00	1998	90.00	30,000						
2	180.00			180.00	1999	180.00	37,500						
3	270.00	45.63	54.29	369.92	2000	270.00	40,000						
4	294.00	91.25	51.90	437.15	2001	294.00	23,200	90.00	30,000				
5	282.00	91.25	49.50	422.75	2002	282.00	16,480	180.00	37,500				
6	270.00	91.25	47.11	408.36	2003	270.00	12,000	270.00	40,000	90.00	30,000		
7	258.00	91.25	44.71	393.96	2004	258.00	12,191	294.00	23,200	180.00	37,500		
8	246.00	91.25	42.32	379.57	2005	246.00	12,385	282.00	16,480	270.00	40,000		
9	234.00	91.25	39.92	365.17	2006	234.00	12,582	270.00	12,000	294.00	23,200	90.00	30,000
10	222.00	91.25	37.53	350.78	2007	222.00	12,782	258.00	12,191	282.00	16,480	180.00	37,500
11	210.00	91.25	35.13	336.38	2008	210.00	12,985	246.00	12,385	270.00	12,000	270.00	40,000
12	198.00	91.25	32.74	321.99	2009	198.00	13,191	234.00	12,582	258.00	12,191	294.00	23,200
13	186.00	91.25	30.34	307.59	2010	186.00	13,401	222.00	12,782	246.00	12,385	282.00	16,480
14	174.00	91.25	27.95	293.20	2011	174.00	13,614	210.00	12,985	234.00	12,582	270.00	12,000
15	162.00	91.25	25.55	278.80	2012	162.00	13,830	198.00	13,191	222.00	12,782	258.00	12,191
16	150.00	91.25	23.15	264.40	2013	150.00	14,050	186.00	13,401	210.00	12,985	246.00	12,385
17	138.00	91.25	20.76	250.01	2014	138.00	14,273	174.00	13,614	198.00	13,191	234.00	12,582
18	126.00	91.25	18.36	235.61									

CASE 01H, CREMO PLAN ANALYSIS

FY	Perm. Fund Principal at FY Start	Perm. Fund Earnings during FY	100% of Royalty Revenues	100% of Rentals & Shared Fed'l Resource Rev.	100% of Bonuses	Prod'n Tax	AS 43.56 State Share	Oil & Gas Corporate Income Tax	Collections from Prior Years	Gas Pipeline	ANWR	Lift Oil Export Ban	Total Petroleum Revenues
1998	13,985.70	405.75	946.22	12.88	0.00	807.30	39.82	114.99	13.40	0.00	0.00	0.00	1,934.62
1999	13,470.33	390.33	1,003.01	11.69	0.00	809.89	34.91	105.85	13.40	0.00	0.00	0.00	1,978.74
2000	12,941.95	374.65	1,050.11	10.62	0.00	827.80	30.81	99.61	13.40	0.00	0.00	0.00	2,032.35
2001	12,409.41	358.27	1,059.37	9.63	0.00	846.53	26.99	92.18	13.40	0.00	0.00	0.00	2,048.11
2002	11,833.48	339.20	1,032.35	8.74	0.00	819.16	23.81	87.33	0.00	0.00	0.00	0.00	1,971.39
2003	11,119.09	316.15	1,007.03	7.93	0.00	787.49	20.99	81.39	0.00	0.00	0.00	0.00	1,904.83
2004	10,274.02	289.17	979.08	7.19	0.00	754.70	18.37	76.44	0.00	0.00	0.00	0.00	1,835.79
2005	9,293.30	257.99	944.30	6.53	0.00	718.86	16.13	70.55	0.00	0.00	0.00	0.00	1,756.37
2006	8,163.82	221.89	894.50	5.92	0.00	665.78	14.12	65.03	0.00	0.00	0.00	0.00	1,645.35
2007	6,850.80	180.35	840.90	5.27	0.00	617.42	12.37	60.43	0.00	0.00	0.00	0.00	1,536.48
2008	5,353.17	133.54	793.08	4.87	0.00	577.74	10.90	56.11	0.00	0.00	0.00	0.00	1,442.69
2009	3,682.96	81.50	739.80	4.42	0.00	537.46	9.54	52.56	0.00	0.00	0.00	0.00	1,343.78
2010	1,831.85	24.18	691.85	4.01	0.00	500.13	8.29	48.25	0.00	0.00	0.00	0.00	1,252.52

FY	Non-Petrol. Non-Intr'st Revenues	AHFC Dividends	Personal Income Tax	State Sales Tax	Other	Total Non- Resource Revenues	STATE SPENDING					DRAW FROM PERMANENT FUND	Draw as %-age of Perm. Fund
							Education (K-12)	Other Operating	PFDs	Capital	TOTAL		
1998	246.28	42.28	0.00	0.00	0.00	288.56	811.51	1,962.51	220.27	150.00	3,144.30	2,855.73	20.42%
1999	242.42	40.40	0.00	0.00	0.00	282.82	824.41	1,993.72	212.16	150.00	3,180.29	2,897.46	21.51%
2000	238.62	38.61	0.00	0.00	0.00	277.23	837.52	2,025.42	203.84	150.00	3,216.77	2,939.54	22.71%
2001	234.73	36.87	0.00	0.00	0.00	271.60	850.84	2,057.62	195.45	150.00	3,253.91	2,982.31	24.03%
2002	230.89	35.21	0.00	0.00	0.00	266.10	864.37	2,090.34	186.38	150.00	3,291.08	3,024.98	25.56%
2003	227.13	33.63	0.00	0.00	0.00	260.76	878.11	2,123.57	175.13	150.00	3,326.81	3,066.05	27.57%
2004	223.42	32.12	0.00	0.00	0.00	255.54	892.07	2,157.34	161.82	150.00	3,361.23	3,105.69	30.23%
2005	219.77	30.67	0.00	0.00	0.00	250.44	906.26	2,191.64	146.37	150.00	3,394.27	3,143.83	33.83%
2006	216.18	29.29	0.00	0.00	0.00	245.47	920.67	2,226.49	128.58	150.00	3,425.74	3,180.27	38.96%
2007	212.65	27.98	0.00	0.00	0.00	240.63	935.30	2,261.89	107.90	150.00	3,455.09	3,214.46	46.92%
2008	209.18	26.72	0.00	0.00	0.00	235.90	950.18	2,297.85	84.31	150.00	3,482.34	3,246.44	60.65%
2009	205.76	25.52	0.00	0.00	0.00	231.28	965.28	2,334.39	58.01	150.00	3,507.68	3,276.40	88.96%
2010	202.40	24.37	0.00	0.00	0.00	226.77	980.63	2,371.51	28.85	150.00	3,530.99	3,304.22	180.38%

CASE 01H, CREMO PLAN ANALYSIS

ASSUMPTIONS

DOR Revenue Scenario: 1="Low," 2="Base," 3="High"

3 <====SOURCE: DOR Spring '95 Revenue Forecast

Lift Oil Export Ban? 1=Y, 0=N

0

Permanent Fund

Permanent Fund Principal: FMV @ Year-End FY 1994

\$13,311 MM

Permanent Fund: Sustainable Long-Term Real Earnings Rate

3.00%

Other Cash Reserves at Start of FY98 to Put into Perm. Fund

\$0

Drawdown Limited under Transition Rule? 1=Y, 0=N

0

	FY 1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Limit											
FY	2009	2010									
Limit											

Permanent Fund Dividends

Will PFDs Continue? 1=Y, 0=N

1

What %-age of Fund's Real Earnings Goes for PFDs?

52.50%

Will PFDs be Capped? 1=Y, 0=N

0

If so, what?

\$200 (nominal) per capita

Population

Population as of 1/1/95 (mid-point of FY 1995)

611,089

Population Rate of Increase/(Decrease)

1.59%

Non-Petroleum Revenues

State Income Tax Adopted? 1=Y, 0=N

0

State Income Tax Rates

1 times old rates

Real Inc. Tax Collected/Yr per Capita @ Old Rates

\$809

SOURCE: See calc. below==>

\$494.62 MM/yr (real)

State Sales Tax Adopted? 1=Y, 0=N

0

State Sales Tax Rate

0.00%

Real Sales Tax Collected/Yr per Capita @ Given Rate

\$0.00

SOURCE: ALRFPC Prelim.Rpt.

\$58.00 MM/yr (real) for 1% tax

What, if anything, is "Other"?

Growth in Expenditures

FY95 Real Per Capita State OpEx - Education K-12

\$1,267

FY 1996 Actual=====

\$774 MM (real)

Growth in Real Per Capita Education OpEx

0.00%

Floor on Real Education OpEx Per Capita? 1=Y, 0=N

0

If so, what?

\$1,000 (real) per capita

FY 95 Real Per Capita State OpEx - Non-Education

\$3,063

Based on FY 1996 TOTAL==>

\$1,872 MM (real) (fig. incl. K-12 grants)

Growth in Real Per Capita Non-Education OpEx

0.00%

Floor on Real Non-Education OpEx Per Capita? 1=Y, 0=N

0

If so, what?

\$2,000 (real) per capita

Real Per Capita State CapEx

\$245

\$150 MM/Yr (real)

Growth in Real Per Capita CapEx

0.00%

Floor on Real CapEx Per Capita? 1=Y, 0=N

0

If so, what?

(real) per capita

Natural Gas Pipeline Built? 1=Y, 0=N

0

Pipeline Cost

\$15 billion (real)

Completion Date: Choices are 2000, 2003, 2005, 2008

2005

Peak Population Effect during Construction

40,000

%-age of Construction Population Staying Long-Term

15% DOR "low"

30% DOR "mid"

40% DOR "high"

Wellhead Gas Price

\$1.00 /Mcf (real)

Personal Income Tax Calculation (AK residents' portion only):

Income Class (tax bracket)	No. of Returns	Fed'l Adj. Gross AK. Income (\$MM)	Exempt'ns & Ded'ns (\$MM)	AK. Taxable Income (\$MM)	Avg. Taxable Inc./Return	Single Filers 44%	Joint Filers 49%	Head of House 7%	Total Tax (\$MM)
\$0—\$29,999	233,370	1,805.39	1,133.05	672.34	\$2,881	9.33	3.02	1.48	13.83
\$30,000—49,999	52,100	2,051.28	675.21	1,376.07	26,412	40.37	31.88	5.67	77.92
\$50,000—\$74,999	37,460	2,288.19	615.69	1,672.50	44,648	60.73	50.32	8.12	119.17
\$75,000 and up	29,809	3,602.09	650.52	2,951.57	99,016	139.85	123.96	19.89	283.70
TOTAL	352,739								494.62

CASE 01H, CREMO PLAN ANALYSIS

REAL \$

	100% of Royalty Revenues			Rentals, Bonuses & Shared Fed'l \$\$			Production Tax			State's AS 43.56 Share		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1998	670.28	818.19	946.22	13.98	13.52	12.88	570.95	695.39	807.30	43.24	41.82	39.82
1999	670.09	841.76	1,003.01	13.02	12.45	11.69	525.10	670.52	809.89	38.86	37.17	34.91
2000	630.60	831.16	1,050.11	12.12	11.47	10.62	487.58	656.27	827.80	35.16	33.28	30.81
2001	585.66	807.73	1,059.37	11.26	10.56	9.63	459.88	649.71	846.53	31.56	29.58	26.99
2002	549.47	776.10	1,032.35	10.47	9.72	8.74	432.81	625.53	819.16	28.51	26.48	23.81
2003	516.38	746.79	1,007.03	9.73	8.95	7.93	407.11	596.69	787.49	25.75	23.69	20.99
2004	485.67	721.12	979.08	9.04	8.24	7.19	384.18	572.48	754.70	23.09	21.05	18.37
2005	452.58	693.26	944.30	8.41	7.59	6.53	359.68	545.50	718.86	20.78	18.76	16.13
2006	410.64	653.79	894.50	7.81	6.98	5.92	322.61	502.21	665.78	18.63	16.66	14.12
2007	372.87	617.29	840.90	7.26	6.43	5.37	289.16	462.55	617.42	16.71	14.80	12.37
2008	342.62	623.52	793.08	6.75	5.92	4.87	262.94	436.16	577.74	15.09	13.24	10.90
2009	312.48	589.02	739.80	6.27	5.45	4.42	236.55	404.91	537.46	13.54	11.77	9.54
2010	289.93	554.64	691.85	5.83	5.02	4.01	216.00	374.92	500.13	12.04	10.37	8.29

	Oil & Gas Corp. Inc. Tax			Non-Petr. Non-Interest Rev.		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1998						
1999						
2000	54.17	76.36	114.99	232.32	242.16	246.28
2001	51.27	72.28	105.85	234.43	241.75	242.42
2002	49.35	67.55	99.61	236.57	241.32	238.62
2003	46.56	63.05	92.18	238.40	240.90	234.73
2004	43.02	58.75	87.33	240.24	240.48	230.89
2005	40.44	56.18	81.39	242.10	240.06	227.13
2006	37.14	52.98	76.44	243.97	239.64	223.42
2007	33.18	49.92	70.55	245.86	239.22	219.77
2008	30.14	47.00	65.03	247.76	238.80	216.18
2009	27.98	43.54	60.43	249.67	238.39	212.65
2010	26.63	40.25	56.11	251.60	237.98	209.18
	23.89	37.12	52.56	253.55	237.56	205.76
	21.95	35.37	48.25	255.51	237.15	202.40

CASE 01H, CREMO PLAN ANALYSIS

NOMINAL \$

	100% of Royalty Revenues:			Rentals & Shared Fed'l \$\$			Production Tax			State's AS 43.56 Share		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1995												
1996												
1997												
1998	730.10	921.50	1,119.10	15.23	15.23	15.23	621.90	783.20	954.80	47.10	47.10	47.10
1999	745.00	978.20	1,241.30	14.47	14.47	14.47	583.80	779.20	1,002.30	43.20	43.20	43.20
2000	715.60	996.60	1,359.90	13.75	13.75	13.75	553.30	786.90	1,072.00	39.90	39.90	39.90
2001	679.30	999.30	1,436.50	13.06	13.06	13.06	533.40	803.80	1,147.90	36.60	36.60	36.60
2002	651.40	990.70	1,465.80	12.41	12.41	12.41	513.10	798.50	1,163.10	33.80	33.80	33.80
2003	625.70	983.60	1,497.20	11.79	11.79	11.79	493.30	785.90	1,170.80	31.20	31.20	31.20
2004	601.50	980.00	1,524.20	11.20	11.20	11.20	475.80	778.00	1,174.90	28.60	28.60	28.60
2005	572.90	972.10	1,539.30	10.64	10.64	10.64	455.30	764.90	1,171.80	26.30	26.30	26.30
2006	531.30	945.90	1,526.80	10.10	10.10	10.10	417.40	726.60	1,136.40	24.10	24.10	24.10
2007	493.10	921.50	1,502.90	9.60	9.60	9.60	382.40	690.50	1,103.50	22.10	22.10	22.10
2008	463.10	960.40	1,484.20	9.12	9.12	9.12	355.40	671.80	1,081.20	20.40	20.40	20.40
2009	431.70	936.10	1,449.70	8.66	8.66	8.66	326.80	643.50	1,053.20	18.70	18.70	18.70
2010	409.40	909.50	1,419.60	8.23	8.23	8.23	305.00	614.80	1,026.20	17.00	17.00	17.00

	Oil & Gas Corp. Inc. Tax			Non-Petr. Non-Interest Rev. (Corp. Inc. Tax Adj'd If Rate ≠ Old One)			INFLATION			Deflation Factors			Population
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	
1995							2.29%	2.91%	3.64%	0.97761267	0.97172286	0.96487843	611,089
1996							2.14%	2.99%	4.43%	0.95713009	0.94351186	0.92394755	620,805
1997							2.14%	2.99%	4.43%	0.93707665	0.91611988	0.88475299	630,676
1998	59.00	86.00	136.00	253.05	272.74	291.28	2.07%	3.18%	4.64%	0.91807254	0.88788513	0.84552083	640,704
1999	57.00	84.00	131.00	260.64	280.93	300.02	2.07%	3.18%	4.64%	0.89945385	0.86052057	0.80802831	650,891
2000	56.00	81.00	129.00	268.46	289.35	309.02	2.07%	3.18%	4.64%	0.88121275	0.83399939	0.77219831	661,240
2001	54.00	78.00	125.00	276.52	298.03	318.29	2.21%	3.18%	4.71%	0.86215903	0.80829559	0.73746377	671,754
2002	51.00	75.00	124.00	284.81	306.98	327.84	2.21%	3.18%	4.71%	0.8435173	0.78338398	0.70429163	682,435
2003	49.00	74.00	121.00	293.35	316.19	337.68	2.21%	3.18%	4.71%	0.82527864	0.75924015	0.67261162	693,286
2004	46.00	72.00	119.00	302.16	325.67	347.81	2.21%	3.18%	4.71%	0.80743434	0.73584042	0.64235663	704,309
2005	42.00	70.00	115.00	311.22	335.44	358.24	2.21%	3.18%	4.71%	0.78997587	0.71316187	0.61346254	715,508
2006	39.00	68.00	111.00	320.56	345.50	368.99	2.21%	3.18%	4.71%	0.7728949	0.69118228	0.58586815	726,885
2007	37.00	65.00	108.00	330.17	355.87	380.06	2.21%	3.18%	4.71%	0.75618325	0.66988009	0.55951499	738,442
2008	36.00	62.00	105.00	340.08	366.55	391.46	2.21%	3.18%	4.71%	0.73983294	0.64923444	0.53434724	750,183
2009	33.00	59.00	103.00	350.28	377.54	403.21	2.21%	3.18%	4.71%	0.72383616	0.62922508	0.51031156	762,111
2010	31.00	58.00	99.00	360.79	388.87	415.30	2.21%	3.18%	4.71%	0.70818527	0.60983241	0.48735705	774,229

CASE 01H, CREMO PLAN ANALYSIS

NOMINAL \$

	Permanent Fund Deposits			Permanent Fund Dividends			Non-Petro. Corp. Inc. Tax (no adj for rate > old rate)			Non-Petr. Non-Interest Rev.		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1995	215.15	222.55	227.34				35.00	45.00	55.00			
1996	193.51	216.76	244.26				30.00	45.00	55.00			
1997	193.78	226.65	259.67				30.00	40.00	50.00			
1998				220.27	220.27	220.27	30.90	41.20	51.50	253.05	272.74	291.28
1999				212.16	212.16	212.16	31.83	42.44	53.05	260.64	287.93	300.02
2000				203.84	203.84	203.84	32.78	43.71	54.64	268.46	289.35	309.02
2001				195.45	195.45	195.45	33.76	45.02	56.28	276.52	298.03	318.29
2002				186.38	186.38	186.38	34.77	46.37	57.97	284.81	306.98	327.84
2003				175.13	175.13	175.13	35.81	47.76	59.71	293.35	316.19	337.68
2004				161.82	161.82	161.82	36.88	49.19	61.50	302.16	325.67	347.81
2005				146.37	146.37	146.37	37.99	50.67	63.35	311.22	335.44	358.24
2006				128.58	128.58	128.58	39.13	52.19	65.25	320.56	345.50	368.99
2007				107.90	107.90	107.90	40.30	53.76	67.21	330.17	355.87	380.06
2008				84.31	84.31	84.31	41.51	55.37	69.23	340.08	366.55	391.46
2009				58.01	58.01	58.01	42.76	57.03	71.31	350.28	377.54	403.21
2010				28.85	28.85	28.85	44.04	58.74	73.45	360.79	388.87	415.30

GAS PIPELINE					Completion In 2000			Completion In 2003		Completion In 2005		Completion In 2008	
Year	AS 43.56	100% of 1/8 Royalty	Prod. Tax	TOTAL	FY	State Rev.	Population Impact	State Rev.	Population Impact	State Rev.	Population Impact	State Rev.	Population Impact
1	90.00			90.00	1998	90.00	30,000						
2	180.00			180.00	1999	180.00	37,500						
3	270.00	45.63	54.29	369.92	2000	270.00	40,000						
4	294.00	91.25	51.90	437.15	2001	294.00	25,600	90.00	30,000				
5	282.00	91.25	49.50	422.75	2002	282.00	19,840	180.00	37,500				
6	270.00	91.25	47.11	408.36	2003	270.00	16,000	270.00	40,000	90.00	30,000		
7	258.00	91.25	44.71	393.96	2004	258.00	16,254	294.00	25,600	180.00	37,500		
8	246.00	91.25	42.32	379.57	2005	246.00	16,512	282.00	19,840	270.00	40,000		
9	234.00	91.25	39.92	365.17	2006	234.00	16,775	270.00	16,000	294.00	25,600	90.00	30,000
10	222.00	91.25	37.53	350.78	2007	222.00	17,042	258.00	16,254	282.00	19,840	180.00	37,500
11	210.00	91.25	35.13	336.38	2008	210.00	17,313	246.00	16,512	270.00	16,000	270.00	40,000
12	198.00	91.25	32.74	321.99	2009	198.00	17,588	234.00	16,775	258.00	16,254	294.00	25,600
13	186.00	91.25	30.34	307.59	2010	186.00	17,868	222.00	17,042	246.00	16,512	282.00	19,840
14	174.00	91.25	27.95	293.20	2011	174.00	18,152	210.00	17,313	234.00	16,775	270.00	16,000
15	162.00	91.25	25.55	278.80	2012	162.00	18,441	198.00	17,588	222.00	17,042	258.00	16,254
16	150.00	91.25	23.15	264.40	2013	150.00	18,734	186.00	17,868	210.00	17,313	246.00	16,512
17	138.00	91.25	20.76	250.01	2014	138.00	19,032	174.00	18,152	198.00	17,588	234.00	16,775
18	126.00	91.25	18.36	235.61									

CASE 01L, CREMO PLAN ANALYSIS

FY	Perm. Fund Principal at FY Start	Perm. Fund Earnings during FY	100% of Royalty Revenues	100% of Rentals & Shared Fed'l Resource Rev.	100% of Bonuses	Prod'n Tax	AS 43.56 State Share	Oil & Gas Corporate Income Tax	Collections from Prior Years	Gas Pipeline	ANWR	Lift Oil Export Ban	Total Petroleum Revenues
1998	13,888.05	394.16	670.28	13.98	0.00	570.95	43.24	54.17	13.40	0.00	0.00	0.00	1,366.02
1999	12,783.70	359.84	670.09	13.02	0.00	525.10	38.86	51.27	13.40	0.00	0.00	0.00	1,311.73
2000	11,565.20	321.66	630.60	12.12	0.00	487.58	35.16	49.35	13.40	0.00	0.00	0.00	1,228.20
2001	10,200.60	279.18	585.66	11.26	0.00	459.88	31.56	46.56	13.40	0.00	0.00	0.00	1,148.31
2002	8,690.48	232.29	549.47	10.47	0.00	432.81	28.51	43.02	0.00	0.00	0.00	0.00	1,064.27
2003	7,027.89	181.14	516.38	9.73	0.00	407.11	25.75	40.44	0.00	0.00	0.00	0.00	999.40
2004	5,229.42	126.01	485.67	9.04	0.00	384.18	23.09	37.14	0.00	0.00	0.00	0.00	939.13
2005	3,297.13	66.82	452.58	8.41	0.00	359.68	20.78	33.18	0.00	0.00	0.00	0.00	874.61
2006	1,224.09	3.12	410.64	7.81	0.00	322.61	18.63	30.14	0.00	0.00	0.00	0.00	789.82
2007	0.00	0.00	372.87	7.26	0.00	289.16	16.71	27.98	0.00	0.00	0.00	0.00	713.99
2008	0.00	0.00	342.62	6.75	0.00	262.94	15.09	26.63	0.00	0.00	0.00	0.00	654.03
2009	0.00	0.00	312.48	6.27	0.00	236.55	13.54	23.89	0.00	0.00	0.00	0.00	592.72
2010	0.00	0.00	289.93	5.83	0.00	216.00	12.04	21.95	0.00	0.00	0.00	0.00	545.75

FY	Non-Petrol. Non-Intr'st Revenues	AHFC Dividends	Personal Income Tax	State Sales Tax	Other	Total Non- Resource Revenues	STATE SPENDING					DRAW FROM PERMANENT FUND	Draw as %-age of Perm. Fund
							Education (K-12)	Other Operating	PFDs	Capital	TOTAL		
1998	232.32	45.90	0.00	0.00	0.00	278.22	811.51	1,962.51	218.74	150.00	3,142.76	2,864.54	20.63%
1999	234.43	44.97	0.00	0.00	0.00	279.40	824.41	1,993.72	201.34	150.00	3,169.47	2,890.07	22.61%
2000	236.57	44.06	0.00	0.00	0.00	280.63	837.52	2,025.42	182.15	150.00	3,195.09	2,914.46	25.20%
2001	238.40	43.11	0.00	0.00	0.00	281.51	850.84	2,057.62	160.66	150.00	3,219.12	2,937.60	28.80%
2002	240.24	42.18	0.00	0.00	0.00	282.42	864.37	2,090.34	136.88	150.00	3,241.58	2,959.16	34.05%
2003	242.10	41.26	0.00	0.00	0.00	283.36	878.11	2,123.57	110.69	150.00	3,262.37	2,979.02	42.39%
2004	243.97	40.37	0.00	0.00	0.00	284.34	892.07	2,157.34	82.36	150.00	3,281.77	2,997.43	57.32%
2005	245.86	39.50	0.00	0.00	0.00	285.36	906.26	2,191.64	51.93	150.00	3,299.83	3,014.47	91.43%
2006	247.76	38.64	0.00	0.00	0.00	286.40	920.67	2,226.49	19.28	150.00	3,316.44	3,030.04	247.53%
2007	249.67	37.81	0.00	0.00	0.00	287.48	935.30	2,261.89	0.00	150.00	3,347.19	3,059.71	#DIV/0!
2008	251.60	36.99	0.00	0.00	0.00	288.59	950.18	2,297.85	0.00	150.00	3,398.03	3,109.44	#DIV/0!
2009	253.55	36.19	0.00	0.00	0.00	289.74	965.28	2,334.39	0.00	150.00	3,449.67	3,159.94	#DIV/0!
2010	255.51	35.41	0.00	0.00	0.00	290.92	980.63	2,371.51	0.00	150.00	3,502.14	3,211.22	#DIV/0!

CASE 01L, CREMO PLAN ANALYSIS

ASSUMPTIONS

DOR Revenue Scenario: 1="Low," 2="Base," 3="High"

1 <====SOURCE: DOR Spring '95 Revenue Forecast

Lift Oil Export Ban? 1=Y, 0=N

0

Permanent Fund

Permanent Fund Principal: FMV @ Year-End FY 1994

\$13,311 MM

Permanent Fund: Sustainable Long-Term Real Earnings Rate

3.00%

Other Cash Reserves at Start of FY98 to Put into Perm. Fund

\$0

Drawdown Limited under Transition Rule? 1=Y, 0=N

0

	FY 1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
--	---------	------	------	------	------	------	------	------	------	------	------

Limit

FY

2009

2010

Limit

Permanent Fund Dividends

Will PFDs Continue? 1=Y, 0=N

1

What %-age of Fund's Real Earnings Goes for PFDs?

52.50%

Will PFDs be Capped? 1=Y, 0=N

0

If so, what?

\$200 (nominal) per capita

Population

Population as of 1/1/95 (mid-point of FY 1995)

611,089

Population Rate of Increase/(Decrease)

1.59%

Non-Petroleum Revenues

State Income Tax Adopted? 1=Y, 0=N

0

State Income Tax Rates

1 times old rates

Real Inc. Tax Collected/Yr per Capita @ Old Rates

\$809

SOURCE: See calc. below==>

\$494.62 MM/yr (real)

State Sales Tax Adopted? 1=Y, 0=N

0

State Sales Tax Rate

0.00%

Real Sales Tax Collected/Yr per Capita @ Given Rate

\$0.00

SOURCE: ALRFPC Prelim.Rpt.

\$58.00 MM/yr (real) for 1% tax

What, if anything, is "Other"?

Growth in Expenditures

FY95 Real Per Capita State OpEx - Education K-12

\$1,267

FY 1996 Actual=====

\$774 MM (real)

Growth in Real Per Capita Education OpEx

0.00%

Floor on Real Education OpEx Per Capita? 1=Y, 0=N

0

If so, what?

\$1,000 (real) per capita

FY 95 Real Per Capita State OpEx - Non-Education

\$3,063

Based on FY 1996 TOTAL==>

\$1,872 MM (real) (fig. incl. K-12 grants)

Growth in Real Per Capita Non-Education OpEx

0.00%

Floor on Real Non-Education OpEx Per Capita? 1=Y, 0=N

0

If so, what?

\$2,000 (real) per capita

Real Per Capita State CapEx

\$245

\$150 MM/Yr (real)

Growth in Real Per Capita CapEx

0.00%

Floor on Real CapEx Per Capita? 1=Y, 0=N

0

If so, what?

(real) per capita

Natural Gas Pipeline Built? 1=Y, 0=N

0

Pipeline Cost

\$15 billion (real)

Completion Date: Choices are 2000, 2003, 2005, 2008

2005

Peak Population Effect during Construction

40,000

%-age of Construction Population Staying Long-Term

15% DOR "low"

30% DOR "mid"

40% DOR "high"

Wellhead Gas Price

\$1.00 /Mcf (real)

Personal Income Tax Calculation (AK residents' portion only):

Income Class (tax bracket) No. of Returns

Fed'l Adj. Gross AK. Exempt'ns

AK. Taxable

Avg. Taxable

Single Filers

Joint Filers

Head of House

Total Tax

\$0—\$29,999

233,370

1,805.39 1,133.05

672.34

\$2,881

9.33

3.02

1.48

13.83

\$30,000—49,999

52,100

2,051.28 675.21

1,376.07

26,412

40.37

31.88

5.67

77.92

\$50,000—\$74,999

37,460

2,288.19 615.69

1,672.50

44,648

60.73

50.32

8.12

119.17

\$75,000 and up

29,809

3,602.09 650.52

2,951.57

99,016

139.85

123.96

19.89

283.70

TOTAL

352,739

CASE 01L, CREMO PLAN ANALYSIS

REAL \$

	100% of Royalty Revenues			Rentals, Bonuses & Shared Fed'l \$\$			Production Tax			State's AS 43.56 Share		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1998	670.28	818.19	946.22	13.98	13.52	12.88	570.95	695.39	807.30	43.24	41.82	39.82
1999	670.09	841.76	1,003.01	13.02	12.45	11.69	525.10	670.52	809.89	38.86	37.17	34.91
2000	630.60	831.16	1,050.11	12.12	11.47	10.62	487.58	656.27	827.80	35.16	33.28	30.81
2001	585.66	807.73	1,059.37	11.26	10.56	9.63	459.88	649.71	846.53	31.56	29.58	26.99
2002	549.47	776.10	1,032.35	10.47	9.72	8.74	432.81	625.53	819.16	28.51	26.48	23.81
2003	516.38	746.79	1,007.03	9.73	8.95	7.93	407.11	596.69	787.49	25.75	23.69	20.99
2004	485.67	721.12	979.08	9.04	8.24	7.19	384.18	572.48	754.70	23.09	21.05	18.37
2005	452.58	693.26	944.30	8.41	7.59	6.53	359.68	545.50	718.86	20.78	18.76	16.13
2006	410.64	653.79	894.50	7.81	6.98	5.92	322.61	502.21	665.78	18.63	16.66	14.12
2007	372.87	617.29	840.90	7.26	6.43	5.37	289.16	462.55	617.42	16.71	14.80	12.37
2008	342.62	623.52	793.08	6.75	5.92	4.87	262.94	436.16	577.74	15.09	13.24	10.90
2009	312.48	589.02	739.80	6.27	5.45	4.42	236.55	404.91	537.46	13.54	11.77	9.54
2010	289.93	554.64	691.85	5.83	5.02	4.01	216.00	374.92	500.13	12.04	10.37	8.29

	Oil & Gas Corp. Inc. Tax			Non-Petr. Non-Interest Rev.		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1998						
1999						
2000	54.17	76.36	114.99	232.32	242.16	246.28
2001	51.27	72.28	105.85	234.43	241.75	242.42
2002	49.35	67.55	99.61	236.57	241.32	238.62
2003	46.56	63.05	92.18	238.40	240.90	234.73
2004	43.02	58.75	87.33	240.24	240.48	230.89
2005	40.44	56.18	81.39	242.10	240.06	227.13
2006	37.14	52.98	76.44	243.97	239.64	223.42
2007	33.18	49.92	70.55	245.86	239.22	219.77
2008	30.14	47.00	65.03	247.76	238.80	216.18
2009	27.98	43.54	60.43	249.67	238.39	212.65
2010	26.63	40.25	56.11	251.60	237.98	209.18
	23.89	37.12	52.56	253.55	237.56	205.76
	21.95	35.37	48.25	255.51	237.15	202.40

CASE 01L, CREMO PLAN ANALYSIS

NOMINAL \$

	100% of Royalty Revenues			Rentals & Shared Fed'l \$\$			Production Tax			State's AS 43.56 Share		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1995												
1996												
1997												
1998	730.10	921.50	1,119.10	15.23	15.23	15.23	621.90	783.20	954.80	47.10	47.10	47.10
1999	745.00	978.20	1,241.30	14.47	14.47	14.47	583.80	779.20	1,002.30	43.20	43.20	43.20
2000	715.60	996.60	1,359.90	13.75	13.75	13.75	553.30	786.90	1,072.00	39.90	39.90	39.90
2001	679.30	999.30	1,436.50	13.06	13.06	13.06	533.40	803.80	1,147.90	36.60	36.60	36.60
2002	651.40	990.70	1,465.80	12.41	12.41	12.41	513.10	798.50	1,163.10	33.80	33.80	33.80
2003	625.70	983.60	1,497.20	11.79	11.79	11.79	493.30	785.90	1,170.80	31.20	31.20	31.20
2004	601.50	980.00	1,524.20	11.20	11.20	11.20	475.80	778.00	1,174.90	28.60	28.60	28.60
2005	572.90	972.10	1,539.30	10.64	10.64	10.64	455.30	764.90	1,171.80	26.30	26.30	26.30
2006	531.30	945.90	1,526.80	10.10	10.10	10.10	417.40	726.60	1,136.40	24.10	24.10	24.10
2007	493.10	921.50	1,502.90	9.60	9.60	9.60	382.40	690.50	1,103.50	22.10	22.10	22.10
2008	463.10	960.40	1,484.20	9.12	9.12	9.12	355.40	671.80	1,081.20	20.40	20.40	20.40
2009	431.70	936.10	1,449.70	8.66	8.66	8.66	326.80	643.50	1,053.20	18.70	18.70	18.70
2010	409.40	909.50	1,419.60	8.23	8.23	8.23	305.00	614.80	1,026.20	17.00	17.00	17.00

	Oil & Gas Corp. Inc. Tax			Non-Petr. Non-Interest Rev. (Corp.Inc.Tax Adj'd if Rate ≠ Old One)			INFLATION			Deflation Factors			Population
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	
1995							2.29%	2.91%	3.64%	0.97761267	0.97172286	0.96487843	611,089
1996							2.14%	2.99%	4.43%	0.95713009	0.94351186	0.92394755	620,805
1997							2.14%	2.99%	4.43%	0.93707665	0.91611988	0.88475299	630,676
1998	59.00	86.00	136.00	253.05	272.74	291.28	2.07%	3.18%	4.64%	0.91807254	0.88788513	0.84552083	640,704
1999	57.00	84.00	131.00	260.64	280.93	300.02	2.07%	3.18%	4.64%	0.89945385	0.86052057	0.80802831	650,891
2000	56.00	81.00	129.00	268.46	289.35	309.02	2.07%	3.18%	4.64%	0.88121275	0.83399939	0.77219831	661,240
2001	54.00	78.00	125.00	276.52	298.03	318.29	2.21%	3.18%	4.71%	0.86215903	0.80829559	0.73746377	671,754
2002	51.00	75.00	124.00	284.81	306.98	327.84	2.21%	3.18%	4.71%	0.8435173	0.78338398	0.70429163	682,435
2003	49.00	74.00	121.00	293.35	316.19	337.68	2.21%	3.18%	4.71%	0.82527864	0.75924015	0.67261162	693,286
2004	46.00	72.00	119.00	302.16	325.67	347.81	2.21%	3.18%	4.71%	0.80743434	0.73584042	0.64235663	704,309
2005	42.00	70.00	115.00	311.22	335.44	358.24	2.21%	3.18%	4.71%	0.78997587	0.71316187	0.61346254	715,508
2006	39.00	68.00	111.00	320.56	345.50	368.99	2.21%	3.18%	4.71%	0.7728949	0.69118228	0.58586815	726,885
2007	37.00	65.00	108.00	330.17	355.87	380.06	2.21%	3.18%	4.71%	0.75618325	0.66988009	0.55951499	738,442
2008	36.00	62.00	105.00	340.08	366.55	391.46	2.21%	3.18%	4.71%	0.73983294	0.64923444	0.53434724	750,183
2009	33.00	59.00	103.00	350.28	377.54	403.21	2.21%	3.18%	4.71%	0.72383616	0.62922508	0.51031156	762,111
2010	31.00	58.00	99.00	360.79	388.87	415.30	2.21%	3.18%	4.71%	0.70818527	0.60983241	0.48735705	774,229

CASE 01L, CREMO PLAN ANALYSIS

NOMINAL \$

	Permanent Fund Deposits			Permanent Fund Dividends			Non-Petro. Corp. Inc. Tax (no adj for rate > old rate)			Non-Petr. Non-Interest Rev.		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1995	215.15	222.55	227.34				35.00	45.00	55.00			
1996	193.51	216.76	244.26				30.00	45.00	55.00			
1997	193.78	226.65	259.67				30.00	40.00	50.00			
1998				218.74	218.74	218.74	30.90	41.20	51.50	253.05	272.74	291.28
1999				201.34	201.34	201.34	31.83	42.44	53.05	260.64	280.93	300.02
2000				182.15	182.15	182.15	32.78	43.71	54.64	268.46	289.35	309.02
2001				160.66	160.66	160.66	33.76	45.02	56.28	276.52	298.03	318.29
2002				136.88	136.88	136.88	34.77	46.37	57.97	284.81	306.98	327.84
2003				110.69	110.69	110.69	35.81	47.76	59.71	293.35	316.19	337.68
2004				82.36	82.36	82.36	36.88	49.19	61.50	302.16	325.67	347.81
2005				51.93	51.93	51.93	37.99	50.67	63.35	311.22	335.44	358.24
2006				19.28	19.28	19.28	39.13	52.19	65.25	320.56	345.50	368.59
2007				0.00	0.00	0.00	40.30	53.76	67.21	330.17	355.87	380.06
2008				0.00	0.00	0.00	41.51	55.37	69.23	340.08	366.55	391.46
2009				0.00	0.00	0.00	42.76	57.03	71.31	350.28	377.54	403.21
2010				0.00	0.00	0.00	44.04	58.74	73.45	360.79	388.87	415.30

GAS PIPELINE					Completion in 2000			Completion in 2003		Completion in 2005		Completion in 2008	
Year	AS 43.56	100% of 1/8 Royalty	Prod. Tax	TOTAL	FY	State Rev.	Population Impact	State Rev.	Population Impact	State Rev.	Population Impact	State Rev.	Population Impact
1	90.00			90.00	1998	90.00	30,000						
2	180.00			180.00	1999	180.00	37,500						
3	270.00	45.63	54.29	369.92	2000	270.00	40,000						
4	294.00	91.25	51.90	437.15	2001	294.00	19,000	90.00	30,000				
5	282.00	91.25	49.50	422.75	2002	282.00	11,440	180.00	37,500				
6	270.00	91.25	47.11	408.36	2003	270.00	6,000	270.00	40,000	90.00	30,000		
7	258.00	91.25	44.71	393.96	2004	258.00	6,095	294.00	19,600	180.00	37,500		
8	246.00	91.25	42.32	379.57	2005	246.00	6,192	282.00	11,440	270.00	40,000		
9	234.00	91.25	39.92	365.17	2006	234.00	6,290	270.00	6,000	294.00	19,600	90.00	30,000
10	222.00	91.25	37.53	350.78	2007	222.00	6,390	258.00	6,095	282.00	11,440	180.00	37,500
11	210.00	91.25	35.13	336.38	2008	210.00	6,492	246.00	6,192	270.00	6,000	270.00	40,000
12	198.00	91.25	32.74	321.99	2009	198.00	6,595	234.00	6,290	258.00	6,095	294.00	19,600
13	186.00	91.25	30.34	307.59	2010	186.00	6,700	222.00	6,390	246.00	6,192	282.00	11,440
14	174.00	91.25	27.95	293.20	2011	174.00	6,807	210.00	6,492	234.00	6,290	270.00	6,000
15	162.00	91.25	25.55	278.80	2012	162.00	6,915	198.00	6,595	222.00	6,390	258.00	6,095
16	150.00	91.25	23.15	264.40	2013	150.00	7,025	186.00	6,700	210.00	6,492	246.00	6,192
17	138.00	91.25	20.76	250.01	2014	138.00	7,137	174.00	6,807	198.00	6,595	234.00	6,290
18	126.00	91.25	18.36	235.61									

CASE 02, CREMO PLAN ANALYSIS

FY	Perm. Fund Principal at FY Start	Perm. Fund Earnings during FY	100% of Royalty Revenues	100% of Rentals & Shared Fed'l Resource Rev.	100% of Bonuses	Prod'n Tax	AS 43.56 State Share	Oil & Gas Corporate Income Tax	Collections from Prior Years	Gas Pipeline	ANWR	Lift Oil Export Ban	Total Petroleum Revenues
1998	13,939.33	403.60	818.19	13.52	0.00	695.39	41.82	76.36	13.40	0.00	0.00	0.00	1,658.88
1999	13,370.79	386.93	841.76	12.45	0.00	670.52	37.17	72.28	13.40	0.00	0.00	0.00	1,647.59
2000	12,811.73	370.18	831.16	11.47	0.00	656.27	33.28	67.55	13.40	0.00	0.00	0.00	1,613.14
2001	12,237.30	352.89	807.73	10.56	0.00	649.71	29.58	63.05	13.40	0.00	0.00	0.00	1,574.02
2002	11,641.32	334.36	776.10	9.72	0.00	625.53	26.48	58.75	0.00	0.00	0.00	0.00	1,496.58
2003	10,983.42	313.25	746.79	8.95	0.00	596.69	23.69	56.18	0.00	0.00	0.00	0.00	1,432.30
2004	10,213.21	288.87	721.12	8.24	0.00	572.48	21.05	52.98	0.00	0.00	0.00	0.00	1,375.87
2005	9,333.45	261.15	693.26	7.59	0.00	545.50	18.76	49.92	0.00	0.00	0.00	0.00	1,315.03
2006	8,337.52	229.55	653.79	6.98	0.00	502.21	16.66	47.00	0.00	0.00	0.00	0.00	1,226.64
2007	7,195.22	193.68	617.29	6.43	0.00	462.55	14.80	43.54	0.00	0.00	0.00	0.00	1,144.62
2008	5,910.36	154.40	623.52	5.92	0.00	436.16	13.24	40.25	0.00	0.00	0.00	0.00	1,119.10
2009	4,537.65	111.83	589.02	5.45	0.00	404.91	11.77	37.12	0.00	0.00	0.00	0.00	1,048.26
2010	3,029.21	65.24	554.64	5.02	0.00	374.92	10.37	35.37	0.00	0.00	0.00	0.00	980.32

FY	Non-Petrol. Non-Intr'st Revenues	AHFC Dividends	Personal Income Tax	State Sales Tax	Other	Total Non-Resource Revenues	STATE SPENDING					DRAW FROM PERMANENT FUND	Draw as %age of Perm. Fund
							Education (K-12)	Other Operating	PFDs	Capital	TOTAL		
1998	242.16	44.39	0.00	0.00	0.00	286.55	811.51	1,736.31	219.54	150.00	2,917.36	2,630.81	18.87%
1999	241.75	43.03	0.00	0.00	0.00	284.78	824.41	1,693.36	210.59	150.00	2,878.36	2,593.58	19.40%
2000	241.32	41.70	0.00	0.00	0.00	283.02	837.52	1,651.47	201.78	150.00	2,840.77	2,557.76	19.96%
2001	240.90	40.41	0.00	0.00	0.00	281.31	850.84	1,610.62	192.74	150.00	2,804.19	2,522.89	20.62%
2002	240.48	39.17	0.00	0.00	0.00	279.65	864.37	1,570.78	183.35	150.00	2,768.50	2,488.84	21.38%
2003	240.06	37.98	0.00	0.00	0.00	278.02	878.11	1,592.68	172.99	150.00	2,793.78	2,515.76	22.91%
2004	239.64	36.79	0.00	0.00	0.00	276.43	892.07	1,618.00	160.86	150.00	2,820.93	2,544.50	24.91%
2005	239.22	35.66	0.00	0.00	0.00	274.88	906.26	1,643.73	147.00	150.00	2,846.99	2,572.11	27.56%
2006	238.80	34.56	0.00	0.00	0.00	273.36	920.67	1,669.87	131.32	150.00	2,871.85	2,598.49	31.17%
2007	238.39	33.49	0.00	0.00	0.00	271.88	935.30	1,696.42	113.32	150.00	2,895.05	2,623.17	36.46%
2008	237.98	32.46	0.00	0.00	0.00	270.44	950.18	1,723.39	93.09	150.00	2,916.65	2,646.22	44.77%
2009	237.56	31.46	0.00	0.00	0.00	269.02	965.28	1,750.79	71.47	150.00	2,937.54	2,668.53	58.81%
2010	237.15	30.49	0.00	0.00	0.00	267.64	980.63	1,778.63	47.71	150.00	2,956.97	2,689.34	88.78%

CASE 02, CREMO PLAN ANALYSIS

ASSUMPTIONS

DOR Revenue Scenario: 1="Low," 2="Base," 3="High"

2 <====SOURCE: DOR Spring '95 Revenue Forecast

Lift Oil Export Ban? 1=Y, 0=N

0

Permanent Fund

Permanent Fund Principal: FMV @ Year-End FY 1994

\$13,311 MM

Permanent Fund: Sustainable Long-Term Real Earnings Rate

3.00%

Other Cash Reserves at Start of FY98 to Put into Perm. Fund

\$0

Drawdown Limited under Transition Rule? 1=Y, 0=N

0

	FY 1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Limit											
FY	2009	2010									
Limit											

Permanent Fund Dividends

Will PFDs Continue? 1=Y, 0=N

1

What %-age of Fund's Real Earnings Goes for PFDs?

52.50%

Will PFDs be Capped? 1=Y, 0=N

0

If so, what?

\$200 (nominal) per capita

Population

Population as of 1/1/95 (mid-point of FY 1995)

611,089

Population Rate of Increase/(Decrease)

1.59%

Non-Petroleum Revenues

State Income Tax Adopted? 1=Y, 0=N

0

State Income Tax Rates

1 times old rates

Real Inc. Tax Collected/Yr per Capita @ Old Rates

\$809

SOURCE: See calc. below==>

\$494.62 MM/yr (real)

State Sales Tax Adopted? 1=Y, 0=N

0

State Sales Tax Rate

0.00%

Real Sales Tax Collected/Yr per Capita @ Given Rate

\$0.00

SOURCE: ALRFPD Prelim.Rpt.

\$58.00 MM/yr (real) for 1% tax

What, if anything, is "Other"?

Growth in Expenditures

FY95 Real Per Capita State OpEx - Education K-12

\$1,267

FY 1996 Actual=====

\$774 MM (real)

Growth in Real Per Capita Education OpEx

0.00%

Floor on Real Education OpEx Per Capita? 1=Y, 0=N

0

If so, what?

\$1,000 (real) per capita

FY 95 Real Per Capita State OpEx - Non-Education

\$3,063

Based on FY 1996 TOTAL==>

\$1,872 MM (real) (fig. incl. K-12 grants)

Growth in Real Per Capita Non-Education OpEx

-4.00%

Floor on Real Non-Education OpEx Per Capita? 1=Y, 0=N

1

If so, what?

\$2,297 (real) per capita

Real Per Capita State CapEx

\$245

\$150 MM/Yr (real)

Growth in Real Per Capita CapEx

0.00%

Floor on Real CapEx Per Capita? 1=Y, 0=N

0

If so, what?

(real) per capita

Natural Gas Pipeline Built? 1=Y, 0=N

0

Pipeline Cost

\$15 billion (real)

Completion Date: Choices are 2000, 2003, 2005, 2008

2005

Peak Population Effect during Construction

40,000

%-age of Construction Population Staying Long-Term

15% DOR "low"

30% DOR "mid"

40% DOR "high"

Wellhead Gas Price

\$1.00 /Mcf (real)

Personal Income Tax Calculation (AK residents' portion only):

Income Class (tax bracket) No. of Returns

Fed'l Adj.Gross AK. Exempt'ns AK. Taxable

Avg. Taxable

Single Filers

Joint Filers

Head of House

Total Tax

\$0—\$29,999

233,370

1,805.39

1,133.05

672.34

\$2,881

9.33

3.02

1.48

13.83

\$30,000—49,999

52,100

2,051.28

675.21

1,376.07

26,412

40.37

31.88

5.67

77.92

\$50,000—\$74,999

37,460

2,288.19

615.69

1,672.50

44,648

60.73

50.32

8.12

119.17

\$75,000 and up

29,809

3,602.09

650.52

2,951.57

99,016

139.85

123.96

19.89

283.70

TOTAL

352,739

494.62

CASE 02, CREMO PLAN ANALYSIS

REAL \$

	100% of Royalty Revenues			Rentals, Bonuses & Shared Fed'l \$\$			Production Tax			State's AS 43.56 Share		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1998	670.28	818.19	946.22	13.98	13.52	12.88	570.95	695.39	807.30	43.24	41.82	39.82
1999	670.09	841.76	1,003.01	13.02	12.45	11.69	525.10	670.52	809.89	38.86	37.17	34.91
2000	630.60	831.16	1,050.11	12.12	11.47	10.62	487.58	656.27	827.80	35.16	33.28	30.81
2001	585.66	807.73	1,059.37	11.26	10.56	9.63	459.88	649.71	846.53	31.56	29.58	26.99
2002	549.47	776.10	1,032.35	10.47	9.72	8.74	432.81	625.53	819.16	28.51	26.48	23.81
2003	516.38	746.79	1,007.03	9.73	8.95	7.93	407.11	596.69	787.49	25.75	23.69	20.99
2004	485.67	721.12	979.08	9.04	8.24	7.19	384.18	572.48	754.70	23.09	21.05	18.37
2005	452.58	693.26	944.30	8.41	7.59	6.53	359.68	545.50	718.86	20.78	18.76	16.13
2006	410.64	653.79	894.50	7.81	6.98	5.92	322.61	502.21	665.78	18.63	16.66	14.12
2007	372.87	617.29	840.90	7.26	6.43	5.37	289.16	462.55	617.42	16.71	14.80	12.37
2008	342.62	523.52	793.08	6.75	5.92	4.87	262.94	436.16	577.74	15.09	13.24	10.90
2009	312.48	589.02	739.80	6.27	5.45	4.42	236.55	404.91	537.46	13.54	11.77	9.54
2010	289.93	554.64	691.85	5.83	5.02	4.01	216.00	374.92	500.13	12.04	10.37	8.29

	Oil & Gas Corp. Inc. Tax			Non-Petr. Non-Interest Rev.		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1998						
1999						
2000	54.17	76.36	114.99	232.32	242.16	246.28
2001	51.27	72.28	105.85	234.43	241.75	242.42
2002	49.35	67.55	99.61	236.57	241.32	238.62
2003	46.56	63.05	92.18	238.40	240.90	234.73
2004	43.02	58.75	87.33	240.24	240.48	230.89
2005	40.44	56.18	81.39	242.10	240.06	227.13
2006	37.14	52.98	76.44	243.97	239.64	223.42
2007	33.18	49.92	70.55	245.86	239.22	219.77
2008	30.14	47.00	65.03	247.76	238.80	216.18
2009	27.98	43.54	60.43	249.67	238.39	212.65
2010	26.63	40.25	56.11	251.60	237.98	209.18
	23.89	37.12	52.56	253.55	237.56	205.76
	21.95	35.37	48.25	255.51	237.15	202.40

CASE 02, CREMO PLAN ANALYSIS

NOMINAL \$

	100% of Royalty Revenues			Rentals & Shared Fed'l \$\$			Production Tax			State's AS 43.56 Share		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1995												
1996												
1997												
1998	730.10	921.50	1,119.10	15.23	15.23	15.23	621.90	783.20	954.80	47.10	47.10	47.10
1999	745.00	978.20	1,241.30	14.47	14.47	14.47	583.80	779.20	1,002.30	43.20	43.20	43.20
2000	715.60	996.80	1,359.90	13.75	13.75	13.75	553.30	786.90	1,072.00	39.90	39.90	39.90
2001	679.30	999.30	1,436.50	13.06	13.06	13.06	533.40	803.80	1,147.90	36.60	36.60	36.60
2002	651.40	990.70	1,465.80	12.41	12.41	12.41	513.10	798.50	1,163.10	33.80	33.80	33.80
2003	625.70	983.60	1,497.20	11.79	11.79	11.79	493.30	785.90	1,170.80	31.20	31.20	31.20
2004	601.50	980.00	1,524.20	11.20	11.20	11.20	475.80	778.00	1,174.90	28.60	28.60	28.60
2005	572.90	972.10	1,539.30	10.64	10.64	10.64	455.30	764.90	1,171.80	26.30	26.30	26.30
2006	531.30	945.90	1,526.80	10.10	10.10	10.10	417.40	726.60	1,136.40	24.10	24.10	24.10
2007	493.10	921.50	1,502.90	9.60	9.60	9.60	382.40	690.50	1,103.50	22.10	22.10	22.10
2008	463.10	960.40	1,484.20	9.12	9.12	9.12	355.40	671.80	1,081.20	20.40	20.40	20.40
2009	431.70	936.10	1,449.70	8.66	8.66	8.66	326.80	643.50	1,053.20	18.70	18.70	18.70
2010	409.40	909.50	1,419.60	8.23	8.23	8.23	305.00	614.80	1,026.20	17.00	17.00	17.00

	Oil & Gas Corp. Inc. Tax			Non-Petr. Non-Interest Rev. (Corp. Inc. Tax Adj'd If Rate ≠ Old One)			INFLATION			Deflation Factors			Population
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	
1995							2.29%	2.91%	3.64%	0.97761267	0.97172286	0.96487843	611,089
1996							2.14%	2.99%	4.43%	0.95713009	0.94351186	0.92394755	620,805
1997							2.14%	2.99%	4.43%	0.93707665	0.91611988	0.88475299	630,676
1998	59.00	86.00	136.00	253.05	272.74	291.28	2.07%	3.18%	4.64%	0.91807254	0.88788513	0.84552083	640,704
1999	57.00	84.00	131.00	260.64	280.93	300.02	2.07%	3.18%	4.64%	0.89945385	0.86052057	0.80802831	650,891
2000	56.00	81.00	129.00	268.46	289.35	309.02	2.07%	3.18%	4.64%	0.88121275	0.83399939	0.77219831	661,240
2001	54.00	78.00	125.00	276.52	298.03	318.29	2.21%	3.18%	4.71%	0.86215903	0.80829559	0.73746377	671,754
2002	51.00	75.00	124.00	284.81	306.98	327.84	2.21%	3.18%	4.71%	0.8435173	0.78338398	0.70429163	682,435
2003	49.00	74.00	121.00	293.35	316.19	337.68	2.21%	3.18%	4.71%	0.82527864	0.75924015	0.67261162	693,286
2004	46.00	72.00	119.00	302.16	325.67	347.81	2.21%	3.18%	4.71%	0.80743434	0.73584042	0.64235663	704,309
2005	42.00	70.00	115.00	311.22	335.44	358.24	2.21%	3.18%	4.71%	0.78997587	0.71316187	0.61346254	715,508
2006	39.00	68.00	111.00	320.56	345.50	368.99	2.21%	3.18%	4.71%	0.7728949	0.69118228	0.58586815	726,885
2007	37.00	65.00	108.00	330.17	355.87	380.06	2.21%	3.18%	4.71%	0.75618325	0.66988009	0.55951499	738,442
2008	36.00	62.00	105.00	340.08	366.55	391.46	2.21%	3.18%	4.71%	0.73983294	0.64923444	0.53434724	750,183
2009	33.00	59.00	103.00	350.28	377.54	403.21	2.21%	3.18%	4.71%	0.72383616	0.62922508	0.51031156	762,111
2010	31.00	58.00	99.00	360.79	388.87	415.30	2.21%	3.18%	4.71%	0.70818527	0.60983241	0.48735705	774,229

CASE 02, CREMO PLAN ANALYSIS

NOMINAL \$

	Permanent Fund Deposits			Permanent Fund Dividends			Non-Petro. Corp. Inc. Tax (no adj for rate > old rate)			Non-Petr. Non-Interest Rev.		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1995	215.15	222.55	227.34				35.00	45.00	55.00			
1996	193.51	216.76	244.26				30.00	45.00	55.00			
1997	193.78	226.65	259.67				30.00	40.00	50.00			
1998				219.54	219.54	219.54	30.90	41.20	51.50	253.05	272.74	291.28
1999				210.59	210.59	210.59	31.83	42.44	53.05	260.64	280.93	300.02
2000				201.78	201.78	201.78	32.78	43.71	54.64	268.46	289.35	309.02
2001				192.74	192.74	192.74	33.76	45.02	56.28	276.52	298.03	318.29
2002				183.35	183.35	183.35	34.77	46.37	57.97	284.81	306.98	327.84
2003				172.99	172.99	172.99	35.81	47.76	59.71	293.35	316.19	337.68
2004				160.86	160.86	160.86	36.88	49.19	61.50	302.16	325.67	347.81
2005				147.00	147.00	147.00	37.99	50.67	63.35	311.22	335.44	358.24
2006				131.32	131.32	131.32	39.13	52.19	65.25	320.56	345.50	368.99
2007				113.32	113.32	113.32	40.30	53.76	67.21	330.17	355.87	380.06
2008				93.09	93.09	93.09	41.51	55.37	69.23	340.08	366.55	391.46
2009				71.47	71.47	71.47	42.76	57.03	71.31	350.23	377.54	403.21
2010				47.71	47.71	47.71	44.04	58.74	73.45	360.79	388.87	415.30

GAS PIPELINE					Completion in 2000			Completion in 2003		Completion in 2005		Completion in 2008	
Year	AS 43.56	100% of 1/8 Royalty	Prod. Tax	TOTAL	FY	State Rev.	Population Impact	State Rev.	Population Impact	State Rev.	Population Impact	State Rev.	Population Impact
1	90.00			90.00	1998	90.00	30,000						
2	180.00			180.00	1999	180.00	37,500						
3	270.00	45.63	54.29	369.92	2000	270.00	40,000						
4	294.00	91.25	51.90	437.15	2001	294.00	23,200	90.00	30,000				
5	282.00	91.25	49.50	422.75	2002	282.00	16,480	180.00	37,500				
6	270.00	91.25	47.11	408.36	2003	270.00	12,000	270.00	40,000	90.00	30,000		
7	258.00	91.25	44.71	393.96	2004	258.00	12,191	294.00	23,200	180.00	37,500		
8	246.00	91.25	42.32	379.57	2005	246.00	12,385	282.00	16,480	270.00	40,000		
9	234.00	91.25	39.92	365.17	2006	234.00	12,582	270.00	12,000	294.00	23,200	90.00	30,000
10	222.00	91.25	37.53	350.78	2007	222.00	12,782	258.00	12,191	282.00	16,480	180.00	37,500
11	210.00	91.25	35.13	336.38	2008	210.00	12,985	246.00	12,385	270.00	12,000	270.00	40,000
12	198.00	91.25	32.74	321.99	2009	198.00	13,191	234.00	12,582	258.00	12,191	294.00	23,200
13	186.00	91.25	30.34	307.59	2010	186.00	13,401	222.00	12,782	246.00	12,385	282.00	16,480
14	174.00	91.25	27.95	293.20	2011	174.00	13,614	210.00	12,985	234.00	12,582	270.00	12,000
15	162.00	91.25	25.55	278.80	2012	162.00	13,830	198.00	13,191	222.00	12,782	258.00	12,191
16	150.00	91.25	23.15	264.40	2013	150.00	14,050	186.00	13,401	210.00	12,985	246.00	12,385
17	138.00	91.25	20.76	250.01	2014	138.00	14,273	174.00	13,614	198.00	13,191	234.00	12,582
18	126.00	91.25	18.36	235.61									

CASE 02H, CREMO PLAN ANALYSIS

FY	Perm. Fund Principal at FY Start	Perm. Fund Earnings during FY	100% of Royalty Revenues	100% of Rentals & Shared Fed'l Resource Rev.	100% of Bonuses	Prod'n Tax	AS 43.56 State Share	Oil & Gas Corporate Income Tax	Collections from Prior Years	Gas Pipeline	ANWR	Lift Oil Export Ban	Total Petroleum Revenues
1998	13,985.70	409.15	946.22	12.88	0.00	807.30	39.82	114.99	13.40	0.00	0.00	0.00	1,934.62
1999	13,699.94	401.67	1,003.01	11.69	0.00	809.89	34.91	105.85	13.40	0.00	0.00	0.00	1,978.74
2000	13,479.63	396.26	1,050.11	10.62	0.00	827.80	30.81	99.61	13.40	0.00	0.00	0.00	2,032.35
2001	13,334.18	392.50	1,059.37	9.63	0.00	846.53	26.99	92.18	13.40	0.00	0.00	0.00	2,048.11
2002	13,224.92	388.41	1,032.35	8.74	0.00	819.16	23.81	87.33	0.00	0.00	0.00	0.00	1,971.39
2003	13,057.38	381.81	1,007.03	7.93	0.00	787.49	20.99	81.39	0.00	0.00	0.00	0.00	1,904.83
2004	12,778.34	371.80	979.08	7.19	0.00	754.70	18.37	76.44	0.00	0.00	0.00	0.00	1,835.79
2005	12,380.13	358.08	944.30	6.53	0.00	718.86	16.13	70.55	0.00	0.00	0.00	0.00	1,756.37
2006	11,850.04	339.96	894.50	5.92	0.00	665.78	14.12	65.03	0.00	0.00	0.00	0.00	1,645.35
2007	11,153.65	316.91	840.90	5.37	0.00	617.42	12.37	60.43	0.00	0.00	0.00	0.00	1,536.48
2008	10,290.28	289.10	793.08	4.87	0.00	577.74	10.90	56.11	0.00	0.00	0.00	0.00	1,442.69
2009	9,272.33	256.61	739.80	4.42	0.00	537.46	9.54	52.56	0.00	0.00	0.00	0.00	1,343.78
2010	8,091.90	219.40	691.85	4.01	0.00	500.13	8.29	48.25	0.00	0.00	0.00	0.00	1,252.52

FY	Non-Petrol. Non-Intr'st Revenues	AHFC Dividends	Personal Income Tax	State Sales Tax	Other	Total Non- Resource Revenues	STATE SPENDING					DRAW FROM PERMANENT FUND	Draw as %-age of Perm. Fund
							Education (K-12)	Other Operating	PFDs	Capital	TOTAL		
1998	246.28	42.28	0.00	0.00	0.00	288.56	811.51	1,736.31	220.27	150.00	2,918.09	2,629.53	18.80%
1999	242.42	40.40	0.00	0.00	0.00	282.82	824.41	1,693.36	215.77	150.00	2,883.54	2,600.72	18.98%
2000	238.62	38.61	0.00	0.00	0.00	277.23	837.52	1,651.47	212.30	150.00	2,851.29	2,574.06	19.10%
2001	234.73	36.87	0.00	0.00	0.00	271.60	850.84	1,610.62	210.01	150.00	2,821.47	2,549.87	19.12%
2002	230.89	35.21	0.00	0.00	0.00	266.10	864.37	1,570.78	208.29	150.00	2,793.44	2,527.33	19.11%
2003	227.13	33.63	0.00	0.00	0.00	260.76	878.11	1,592.68	205.65	150.00	2,826.44	2,565.69	19.65%
2004	223.42	32.12	0.00	0.00	0.00	255.54	892.07	1,618.00	201.26	150.00	2,861.33	2,605.80	20.39%
2005	219.77	30.67	0.00	0.00	0.00	250.44	906.26	1,643.73	194.99	150.00	2,894.97	2,644.54	21.36%
2006	216.18	29.29	0.00	0.00	0.00	245.47	920.67	1,669.87	186.64	150.00	2,927.17	2,681.70	22.63%
2007	212.65	27.98	0.00	0.00	0.00	240.63	935.30	1,696.42	175.67	150.00	2,957.39	2,716.76	24.36%
2008	209.18	26.72	0.00	0.00	0.00	235.90	950.18	1,723.39	162.07	150.00	2,985.64	2,749.74	26.72%
2009	205.76	25.52	0.00	0.00	0.00	231.28	965.28	1,750.79	146.04	150.00	3,012.11	2,780.83	29.99%
2010	202.40	24.37	0.00	0.00	0.00	226.77	980.63	1,778.63	127.45	150.00	3,036.71	2,809.94	34.73%

CASE 02H, CREMO PLAN ANALYSIS

ASSUMPTIONS

DOR Revenue Scenario: 1="Low," 2="Base," 3="High"

3 <====SOURCE: DOR Spring '95 Revenue Forecast

Lift Oil Export Ban? 1=Y, 0=N

0

Permanent Fund

Permanent Fund Principal: FMV @ Year-End FY 1994

\$13,311 MM

Permanent Fund: Sustainable Long-Term Real Earnings Rate

3.00%

Other Cash Reserves at Start of FY98 to Put into Perm. Fund

\$0

Drawdown Limited under Transition Rule? 1=Y, 0=N

0

	FY 1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
--	---------	------	------	------	------	------	------	------	------	------	------

Limit

FY	2009	2010
----	------	------

Limit

Permanent Fund Dividends

Will PFDs Continue? 1=Y, 0=N

1

What %-age of Fund's Real Earnings Goes for PFDs?

52.50%

Will PFDs be Capped? 1=Y, 0=N

0

If so, what?

\$200 (nominal) per capita

Population

Population as of 1/1/95 (mid-point of FY 1995)

611,089

Population Rate of Increase/(Decrease)

1.59%

Non-Petroleum Revenues

State Income Tax Adopted? 1=Y, 0=N

0

State Income Tax Rates

1 times old rates

Real Inc. Tax Collected/Yr per Capita @ Old Rates

\$809

SOURCE: See calc. below==>

\$494.62 MM/yr (real)

State Sales Tax Adopted? 1=Y, 0=N

0

State Sales Tax Rate

0.00%

Real Sales Tax Collected/Yr per Capita @ Given Rate

\$0.00

SOURCE: ALRFPCL Prelim.Rpt.

\$58.00 MM/yr (real) for 1% tax

What, if anything, is "Other"?

Growth in Expenditures

FY95 Real Per Capita State OpEx - Education K-12

\$1,267

FY 1996 Actual=====>

\$774 MM (real)

Growth in Real Per Capita Education OpEx

0.00%

Floor on Real Education OpEx Per Capita? 1=Y, 0=N

0

If so, what?

\$1,000 (real) per capita

FY 95 Real Per Capita State OpEx - Non-Education

\$3,063

Based on FY 1996 TOTAL==>

\$1,872 MM (real) (flg. Incl. K-12 grants)

Growth in Real Per Capita Non-Education OpEx

-4.00%

Floor on Real Non-Education OpEx Per Capita? 1=Y, 0=N

1

If so, what?

\$2,297 (real) per capita

Real Per Capita State CapEx

\$245

\$150 MM/Yr (real)

Growth in Real Per Capita CapEx

0.00%

Floor on Real CapEx Per Capita? 1=Y, 0=N

0

If so, what?

(real) per capita

Natural Gas Pipeline Built? 1=Y, 0=N

0

Pipeline Cost

\$15 billion (real)

Completion Date: Choices are 2000, 2003, 2005, 2008

2005

Peak Population Effect during Construction

40,000

%-age of Construction Population Staying Long-Term

15% DOR "low"

30% DOR "mid"

40% DOR "high"

Wellhead Gas Price

\$1.00 /Mcf (real)

Personal Income Tax Calculation (AK residents' portion only):

Income Class (tax bracket)	No. of Returns	Fed'l Adj. Gross Income (\$MM)	AK. Exempt'ns & Ded'ns (\$MM)	AK. Taxable Income (\$MM)	Avg. Taxable Inc./Return	Single Filers 44%	Joint Filers 49%	Head of House 7%	Total Tax (\$MM)
\$0—\$29,999	233,370	1,805.39	1,133.05	672.34	\$2,881	9.33	3.02	1.48	13.83
\$30,000—49,999	52,100	2,051.28	675.21	1,376.07	26,412	40.37	31.88	5.67	77.92
\$50,000—\$74,999	37,460	2,288.19	615.69	1,672.50	44,648	60.73	50.32	8.12	119.17
\$75,000 and up	29,809	3,602.09	650.52	2,951.57	99,016	139.85	123.96	19.89	283.70
TOTAL	352,739								494.62

CASE 02H, CREMO PLAN ANALYSIS

REAL \$

	100% of Royalty Revenues			Rentals, Bonuses & Shared Fed'l \$\$			Production Tax			State's AS 43.56 Share		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1998	670.28	818.19	946.22	13.98	13.52	12.88	570.95	695.39	807.30	43.24	41.82	39.82
1999	670.09	841.76	1,003.01	13.02	12.45	11.69	525.10	670.52	809.89	38.86	37.17	34.91
2000	630.60	831.16	1,050.11	12.12	11.47	10.62	487.58	656.27	827.80	35.16	33.28	30.81
2001	585.66	807.73	1,059.37	11.26	10.56	9.63	459.88	649.71	846.53	31.56	29.58	26.99
2002	549.47	776.10	1,032.35	10.47	9.72	8.74	432.81	625.53	819.16	28.51	26.48	23.81
2003	516.38	746.79	1,007.03	9.73	8.95	7.93	407.11	596.69	787.49	25.75	23.69	20.99
2004	485.67	721.12	979.08	9.04	8.24	7.19	384.18	572.48	754.70	23.09	21.05	18.37
2005	452.58	693.26	944.30	8.41	7.59	6.53	359.68	545.50	718.86	20.78	18.76	16.13
2006	410.64	653.79	894.50	7.81	6.98	5.92	322.61	502.21	665.78	18.63	16.66	14.12
2007	372.87	617.29	840.90	7.26	6.43	5.37	289.16	462.55	617.42	16.71	14.80	12.37
2008	342.62	623.52	793.08	6.75	5.92	4.87	262.94	436.16	577.74	15.09	13.24	10.90
2009	312.48	589.02	739.80	6.27	5.45	4.42	236.55	404.91	537.46	13.54	11.77	9.54
2010	289.93	554.64	691.85	5.83	5.02	4.01	216.00	374.92	500.13	12.04	10.37	8.29

	Oil & Gas Corp. Inc. Tax			Non-Petr. Non-Interest Rev.		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1998						
1999						
2000	54.17	76.36	114.99	232.32	242.16	246.28
2001	51.27	72.28	105.85	234.43	241.75	242.42
2002	49.35	67.55	99.61	236.57	241.32	238.62
2003	46.56	63.05	92.18	238.40	240.90	234.73
2004	43.02	58.75	87.33	240.24	240.48	230.89
2005	40.44	56.18	81.39	242.10	240.06	227.13
2006	37.14	52.98	76.44	243.97	239.64	223.42
2007	33.18	49.92	70.55	245.86	239.22	219.77
2008	30.14	47.00	65.03	247.76	238.80	216.18
2009	27.98	43.54	60.43	249.67	238.39	212.65
2010	26.63	40.25	56.11	251.60	237.98	209.18
	23.89	37.12	52.56	253.55	237.56	205.76
	21.95	35.37	48.25	255.51	237.15	202.40

CASE 02H, CREMO PLAN ANALYSIS

NOMINAL \$

	100% of Royalty Revenues			Rentals & Shared Fed'l \$\$			Production Tax			State's AS 43.56 Share		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1995												
1996												
1997												
1998	730.10	921.50	1,119.10	15.23	15.23	15.23	621.90	783.20	954.80	47.10	47.10	47.10
1999	745.00	978.20	1,241.30	14.47	14.47	14.47	583.80	779.20	1,002.30	43.20	43.20	43.20
2000	715.60	996.60	1,359.90	13.75	13.75	13.75	553.30	786.90	1,072.00	39.90	39.90	39.90
2001	679.30	999.30	1,436.50	13.06	13.06	13.06	533.40	803.80	1,147.90	36.60	36.60	36.60
2002	651.40	990.70	1,465.80	12.41	12.41	12.41	513.10	798.50	1,163.10	33.80	33.80	33.80
2003	625.70	983.60	1,497.20	11.79	11.79	11.79	493.30	785.90	1,170.80	31.20	31.20	31.20
2004	601.50	980.00	1,524.20	11.20	11.20	11.20	475.80	778.00	1,174.90	28.60	28.60	28.60
2005	572.90	972.10	1,539.30	10.64	10.64	10.64	455.30	764.90	1,171.80	26.30	26.30	26.30
2006	531.30	945.90	1,526.80	10.10	10.10	10.10	417.40	726.60	1,136.40	24.10	24.10	24.10
2007	493.10	921.50	1,502.90	9.60	9.60	9.60	382.40	690.50	1,103.50	22.10	22.10	22.10
2008	463.10	960.40	1,484.20	9.12	9.12	9.12	355.40	671.80	1,081.20	20.40	20.40	20.40
2009	431.70	936.10	1,449.70	8.66	8.66	8.66	326.80	643.50	1,053.20	18.70	18.70	18.70
2010	409.40	909.50	1,419.60	8.23	8.23	8.23	305.00	614.80	1,026.20	17.00	17.00	17.00

	Oil & Gas Corp. Inc. Tax			Non-Petr. Non-Interest Rev. (Corp. Inc. Tax Adj'd if Rate ≠ Old One)			INFLATION			Deflation Factors			Population
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	
1995							2.29%	2.91%	3.64%	0.97761267	0.97172286	0.96487843	611,089
1996							2.14%	2.99%	4.43%	0.95713009	0.94351186	0.92394755	620,805
1997							2.14%	2.99%	4.43%	0.93707665	0.91611988	0.88475299	630,676
1998	59.00	86.00	136.00	253.05	272.74	291.28	2.07%	3.18%	4.64%	0.91807254	0.88788513	0.84552083	640,704
1999	57.00	84.00	131.00	260.64	280.93	300.02	2.07%	3.18%	4.64%	0.89945385	0.86052057	0.80802831	650,891
2000	56.00	81.00	129.00	268.46	289.35	309.02	2.07%	3.18%	4.64%	0.88121275	0.83399939	0.77219831	661,240
2001	54.00	78.00	125.00	276.52	298.03	318.29	2.21%	3.18%	4.71%	0.86215903	0.80829559	0.73746377	671,754
2002	51.00	75.00	124.00	284.81	306.98	327.84	2.21%	3.18%	4.71%	0.8435173	0.78338398	0.70429163	682,435
2003	49.00	74.00	121.00	293.35	316.19	337.68	2.21%	3.18%	4.71%	0.82527864	0.75924015	0.67261162	693,280
2004	46.00	72.00	119.00	302.16	325.67	347.81	2.21%	3.18%	4.71%	0.80743434	0.73584042	0.64235663	704,309
2005	42.00	70.00	115.00	311.22	335.44	358.24	2.21%	3.18%	4.71%	0.78997587	0.71316187	0.61346254	715,508
2006	39.00	68.00	111.00	320.56	345.50	368.99	2.21%	3.18%	4.71%	0.7728949	0.69118228	0.58586815	726,885
2007	37.00	65.00	108.00	330.17	355.87	380.06	2.21%	3.18%	4.71%	0.75618325	0.66988009	0.55951499	738,442
2008	36.00	62.00	105.00	340.08	366.55	391.46	2.21%	3.18%	4.71%	0.73983294	0.64923444	0.53434724	750,183
2009	33.00	59.00	103.00	350.28	377.54	403.21	2.21%	3.18%	4.71%	0.72383616	0.62922508	0.51031156	762,111
2010	31.00	58.00	99.00	360.79	388.87	415.30	2.21%	3.18%	4.71%	0.70818527	0.60983241	0.48735705	774,229

CASE 02H, CREMO PLAN ANALYSIS

NOMINAL \$

	Permanent Fund Deposits			Permanent Fund Dividends			Non-Petro. Corp. Inc. Tax (no adj for rate > old rate)			Non-Petr. Non-Interest Rev.		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1995	215.15	222.55	227.34				35.00	45.00	55.00			
1996	193.51	216.76	244.26				30.00	45.00	55.00			
1997	193.78	226.65	259.67				30.00	40.00	50.00			
1998				220.27	220.27	220.27	30.90	41.20	51.50	253.05	272.74	291.28
1999				215.77	215.77	215.77	31.83	42.44	53.05	260.64	280.93	300.02
2000				212.30	212.30	212.30	32.78	43.71	54.64	268.46	289.35	309.02
2001				210.01	210.01	210.01	33.76	45.02	56.28	276.52	298.03	318.29
2002				208.29	208.29	208.29	34.77	46.37	57.97	284.81	306.98	327.84
2003				205.65	205.65	205.65	35.81	47.76	59.71	293.35	316.19	337.68
2004				201.26	201.26	201.26	36.88	49.19	61.50	302.16	325.67	347.81
2005				194.99	194.99	194.99	37.99	50.67	63.35	311.22	335.44	358.24
2006				186.64	186.64	186.64	39.13	52.19	65.25	320.56	345.50	368.99
2007				175.67	175.67	175.67	40.30	53.76	67.21	330.17	355.87	380.06
2008				162.07	162.07	162.07	41.51	55.37	69.23	340.08	366.55	391.46
2009				146.04	146.04	146.04	42.76	57.03	71.31	350.28	377.54	403.21
2010				127.45	127.45	127.45	44.04	58.74	73.45	360.79	388.87	415.30

Year	GAS PIPELINE				Completion in 2000			Completion in 2003		Completion in 2005		Completion in 2008	
	AS 43.56	100% of 1/8 Royalty	Prod. Tax	TOTAL	FY	State Rev.	Population Impact	State Rev.	Population Impact	State Rev.	Population Impact	State Rev.	Population Impact
1	90.00			90.00	1998	90.00	30,000						
2	180.00			180.00	1999	180.00	37,500						
3	270.00	45.63	54.29	369.92	2000	270.00	40,000						
4	294.00	91.25	51.90	437.15	2001	294.00	25,600	90.00	30,000				
5	282.00	91.25	49.50	422.75	2002	282.00	19,840	180.00	37,500				
6	270.00	91.25	47.11	408.36	2003	270.00	16,000	270.00	40,000	90.00	30,000		
7	258.00	91.25	44.71	393.96	2004	258.00	16,254	294.00	25,600	180.00	37,500		
8	246.00	91.25	42.32	379.57	2005	246.00	16,512	282.00	19,840	270.00	40,000		
9	234.00	91.25	39.92	365.17	2006	234.00	16,775	270.00	16,000	294.00	25,600	90.00	30,000
10	222.00	91.25	37.53	350.78	2007	222.00	17,042	258.00	16,254	282.00	19,840	180.00	37,500
11	210.00	91.25	35.13	336.38	2008	210.00	17,313	246.00	16,512	270.00	16,000	270.00	40,000
12	198.00	91.25	32.74	321.99	2009	198.00	17,588	234.00	16,775	258.00	16,254	294.00	25,600
13	186.00	91.25	30.34	307.59	2010	186.00	17,868	222.00	17,042	246.00	16,512	282.00	19,840
14	174.00	91.25	27.95	293.20	2011	174.00	18,152	210.00	17,313	234.00	16,775	270.00	16,000
15	162.00	91.25	25.55	278.80	2012	162.00	18,441	198.00	17,588	222.00	17,042	258.00	16,254
16	150.00	91.25	23.15	264.40	2013	150.00	18,734	186.00	17,868	210.00	17,313	246.00	16,512
17	138.00	91.25	20.76	250.01	2014	138.00	19,032	174.00	18,152	198.00	17,588	234.00	16,775
18	126.00	91.25	18.36	235.61									

CASE 03, CREMO PLAN ANALYSIS

FY	Perm. Fund Principal at FY Start	Perm. Fund Earnings during FY	100% of Royalty Revenues	100% of Rentals & Shared Fed'l Resource Rev.	100% of Bonuses	Prod'n Tax	AS 43.56 State Share	Oil & Gas Corporate Income Tax	Collections from Prior Years	Gas Pipeline	ANWR	Lift Oil Export Ban	Total Petroleum Revenues
1998	13,939.33	429.64	818.19	13.52	0.00	695.39	41.82	76.36	13.40	0.00	0.00	0.00	1,658.68
1999	15,133.14	464.79	841.76	12.45	0.00	670.52	37.17	72.28	13.40	0.00	0.00	0.00	1,647.59
2000	16,317.54	499.30	831.16	11.47	0.00	656.27	33.28	67.55	13.40	0.00	0.00	0.00	1,613.14
2001	17,468.47	532.74	807.73	10.56	0.00	649.71	29.58	63.05	13.40	0.00	0.00	0.00	1,574.02
2002	18,580.58	564.46	776.10	9.72	0.00	625.53	26.48	58.75	0.00	0.00	0.00	0.00	1,496.58
2003	19,614.26	594.03	746.79	8.95	0.00	596.69	23.69	56.18	0.00	0.00	0.00	0.00	1,432.30
2004	20,581.58	621.74	721.12	8.24	0.00	572.48	21.05	52.98	0.00	0.00	0.00	0.00	1,375.87
2005	21,489.39	647.61	693.26	7.59	0.00	545.50	18.76	49.92	0.00	0.00	0.00	0.00	1,315.03
2006	22,332.20	671.13	653.79	6.98	0.00	502.21	16.66	47.00	0.00	0.00	0.00	0.00	1,226.64
2007	23,080.93	691.94	617.29	6.43	0.00	462.55	14.80	43.54	0.00	0.00	0.00	0.00	1,144.62
2008	23,740.55	710.95	623.52	5.92	0.00	436.16	13.24	40.25	0.00	0.00	0.00	0.00	1,119.10
2009	24,366.95	728.28	589.02	5.45	0.00	404.91	11.77	37.12	0.00	0.00	0.00	0.00	1,048.26
2010	24,913.45	743.28	554.64	5.02	0.00	374.92	10.37	35.37	0.00	0.00	0.00	0.00	980.32

FY	Non-Petrol. Non-Intr'st Revenues	AHFC Dividends	Personal Income Tax	State Sales Tax	Other	Total Non- Resource Revenues	STATE SPENDING					DRAW FROM PERMANENT FUND	Draw as %-age of Perm. Fund
							Education (K-12)	Other Operating	PFDs	Capital	TOTAL		
1998	242.16	44.39	0.00	0.00	0.00	286.55	811.51	0.00	219.54	150.00	1,181.05	894.50	6.42%
1999	241.75	43.03	0.00	0.00	0.00	284.78	824.41	0.00	238.35	150.00	1,212.76	927.98	6.13%
2000	241.32	41.70	0.00	0.00	0.00	283.02	837.52	0.00	257.00	150.00	1,244.52	961.50	5.89%
2001	240.90	40.41	0.00	0.00	0.00	281.31	850.84	0.00	275.13	150.00	1,275.97	994.66	5.69%
2002	240.48	39.17	0.00	0.00	0.00	279.65	864.37	0.00	292.64	150.00	1,307.01	1,027.36	5.53%
2003	240.06	37.96	0.00	0.00	0.00	278.02	878.11	0.00	308.92	150.00	1,337.03	1,059.01	5.40%
2004	239.64	36.79	0.00	0.00	0.00	276.43	892.07	0.00	324.16	150.00	1,366.23	1,089.80	5.30%
2005	239.22	35.66	0.00	0.00	0.00	274.88	906.26	0.00	338.46	150.00	1,394.71	1,119.83	5.21%
2006	238.80	34.56	0.00	0.00	0.00	273.36	920.67	0.00	351.73	150.00	1,422.40	1,149.03	5.15%
2007	238.39	33.49	0.00	0.00	0.00	271.88	935.30	0.00	363.52	150.00	1,448.83	1,176.95	5.10%
2008	237.98	32.46	0.00	0.00	0.00	270.44	950.18	0.00	373.91	150.00	1,474.09	1,203.65	5.07%
2009	237.56	31.46	0.00	0.00	0.00	269.02	965.28	0.00	383.78	150.00	1,499.06	1,230.04	5.05%
2010	237.15	30.49	0.00	0.00	0.00	267.64	980.63	0.00	392.39	150.00	1,523.02	1,255.38	5.04%

CASE 03, CREMO PLAN ANALYSIS

ASSUMPTIONS

DOR Revenue Scenario: 1="Low," 2="Base," 3="High"

2 <====SOURCE: DOR Spring '95 Revenue Forecast

Lift Oil Export Ban? 1=Y, 0=N

0

Permanent Fund

Permanent Fund Principal: FMV @ Year-End FY 1994

\$13,311 MM

Permanent Fund: Sustainable Long-Term Real Earnings Rate

3.00%

Other Cash Reserves at Start of FY98 to Put into Perm. Fund

\$0

Drawdown Limited under Transition Rule? 1=Y, 0=N

0

FY	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
----	------	------	------	------	------	------	------	------	------	------	------

Limit

FY	2009	2010
----	------	------

Limit

Permanent Fund Dividends

Will PFDs Continue? 1=Y, 0=N

1

What %-age of Fund's Real Earnings Goes for PFDs?

52.50%

Will PFDs be Capped? 1=Y, 0=N

0

If so, what?

\$200 (nominal) per capita

Population

Population as of 1/1/95 (mid-point of FY 1995)

611,089

Population Rate of Increase/(Decrease)

1.59%

Non-Petroleum Revenues

State Income Tax Adopted? 1=Y, 0=N

0

State Income Tax Rates

1 times old rates

Real Inc. Tax Collected/Yr per Capita @ Old Rates

\$809

SOURCE: See calc. below==>

\$494.62 MM/yr (real)

State Sales Tax Adopted? 1=Y, 0=N

0

State Sales Tax Rate

0.00%

Real Sales Tax Collected/Yr per Capita @ Given Rate

\$0.00

SOURCE: ALRFPC Prelim.Rpt.

\$58.00 MM/yr (real) for 1% tax

What, if anything, is "Other"?

Growth in Expenditures

FY95 Real Per Capita State OpEx - Education K-12

\$1,267

FY 1996 Actual=====>

\$774 MM (real)

Growth in Real Per Capita Education OpEx

0.00%

Floor on Real Education OpEx Per Capita? 1=Y, 0=N

0

If so, what?

\$1,000 (real) per capita

FY 95 Real Per Capita State OpEx - Non-Education

\$3,963

Based on FY 1996 TOTAL==>

\$1,872 MM (real) (fig. incl. K-12 grants)

Growth in Real Per Capita Non-Education OpEx

-100.00%

Floor on Real Non-Education OpEx Per Capita? 1=Y, 0=N

0

If so, what?

\$0 (real) per capita

Real Per Capita State CapEx

\$245

\$150 MM/Yr (real)

Growth in Real Per Capita CapEx

0.00%

Floor on Real CapEx Per Capita? 1=Y, 0=N

0

If so, what?

(real) per capita

Natural Gas Pipeline Built? 1=Y, 0=N

0

Pipeline Cost

\$15 billion (real)

Completion Date: Choices are 2000, 2003, 2005, 2008

2005

Peak Population Effect during Construction

40,000

%-age of Construction Population Staying Long-Term

15% DOR "low"

30% DOR "mid"

40% DOR "high"

Wellhead Gas Price

\$1.00 /Mcf (real)

Personal Income Tax Calculation (AK residents' portion only):

Income Class (tax bracket)	No. of Returns	Fed'l Adj. Gross Income (\$MM)	AK. Exempt'ns & Ded'ns (\$MM)	AK. Taxable Income (\$MM)	Avg. Taxable Inc./Return	Single Filers 44%	Joint Filers 49%	Head of House 7%	Total Tax (\$MM)
\$0—\$29,999	233,370	1,805.39	1,133.05	672.34	\$2,881	9.33	3.02	1.48	13.83
\$30,000—49,999	52,100	2,051.28	675.21	1,376.07	26,412	40.37	31.88	5.67	77.92
\$50,000—\$74,999	37,460	2,288.19	615.69	1,672.50	44,648	60.73	50.32	8.12	119.17
\$75,000 and up	29,809	3,602.09	650.52	2,951.57	99,016	139.85	123.96	19.89	283.70
TOTAL	352,739								494.62

CASE 03, CREMO PLAN ANALYSIS

REAL \$

	100% of Royalty Revenues			Rentals, Bonuses & Shared Fed'l \$\$			Production Tax			State's AS 43.56 Share		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1998	670.28	818.19	946.22	13.98	13.52	12.88	570.95	695.39	807.30	43.24	41.82	39.82
1999	670.09	841.76	1,003.01	13.02	12.45	11.69	525.10	670.52	809.89	38.86	37.17	34.91
2000	630.60	831.16	1,050.11	12.12	11.47	10.62	487.58	656.27	827.80	35.16	33.28	30.81
2001	595.66	807.73	1,059.37	11.26	10.56	9.63	459.88	649.71	846.53	31.56	29.58	26.99
2002	549.47	776.10	1,032.35	10.47	9.72	8.74	432.81	625.53	819.16	28.51	26.48	23.81
2003	516.38	746.79	1,007.03	9.73	8.95	7.33	407.11	596.69	787.49	25.75	23.69	20.99
2004	485.67	721.12	979.08	9.04	8.24	7.19	384.18	572.48	754.70	23.09	21.05	18.37
2005	452.58	693.26	944.30	8.41	7.59	6.53	359.68	545.50	718.86	20.78	18.76	16.13
2006	410.64	653.79	894.50	7.81	6.98	5.92	322.61	502.21	665.78	18.63	16.66	14.12
2007	372.87	617.29	840.90	7.26	6.43	5.37	289.16	462.55	617.42	16.71	14.80	12.37
2008	342.62	623.52	793.08	6.75	5.92	4.87	262.94	436.16	577.74	15.09	13.24	10.90
2009	312.48	589.02	739.80	6.27	5.45	4.42	236.55	404.91	537.46	13.54	11.77	9.54
2010	289.93	554.64	691.85	5.83	5.02	4.01	216.00	374.92	500.13	12.04	10.37	8.29

	Oil & Gas Corp. Inc. Tax			Non-Petr. Non-Interest Rev.		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1998						
1999						
2000	54.17	76.36	114.99	232.32	242.16	246.28
2001	51.27	72.28	105.85	234.43	241.75	242.42
2002	49.35	67.55	99.61	236.57	241.32	238.62
2003	46.56	63.05	92.18	238.40	240.90	234.73
2004	43.02	58.75	87.33	240.24	240.48	230.89
2005	40.44	56.18	81.39	242.10	240.06	227.13
2006	37.14	52.98	76.44	243.97	239.64	223.42
2007	33.18	49.92	70.55	245.86	239.22	219.77
2008	30.14	47.00	65.03	247.76	238.80	216.18
2009	27.98	43.54	60.43	249.67	238.39	212.65
2010	26.63	40.25	56.11	251.60	237.98	209.18
	23.89	37.12	52.56	253.55	237.56	205.76
	21.95	35.37	48.25	255.51	237.15	202.40

CASE 03, CREMO PLAN ANALYSIS

NOMINAL \$

	100% of Royalty Revenues			Rentals & Shared Fed'l \$\$			Production Tax			State's AS 43.56 Share		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1995												
1996												
1997												
1998	730.10	921.50	1,119.10	15.23	15.23	15.23	621.90	783.20	954.80	47.10	47.10	47.10
1999	745.00	978.20	1,241.30	14.47	14.47	14.47	583.80	779.20	1,002.30	43.20	43.20	43.20
2000	715.60	996.60	1,359.90	13.75	13.75	13.75	553.30	786.90	1,072.50	39.90	39.90	39.90
2001	679.30	999.30	1,436.50	13.06	13.06	13.06	533.40	803.80	1,147.90	36.60	36.60	36.60
2002	651.40	990.70	1,465.80	12.41	12.41	12.41	513.10	798.50	1,163.10	33.80	33.80	33.80
2003	625.70	983.60	1,497.20	11.79	11.79	11.79	493.30	785.90	1,170.80	31.20	31.20	31.20
2004	601.50	980.00	1,524.20	11.20	11.20	11.20	475.80	778.00	1,174.90	28.60	28.60	28.60
2005	572.90	972.10	1,539.30	10.64	10.64	10.64	455.30	764.90	1,171.80	26.30	26.30	26.30
2006	531.30	945.90	1,526.80	10.10	10.10	10.10	417.40	726.60	1,136.40	24.10	24.10	24.10
2007	493.10	921.50	1,502.90	9.60	9.60	9.60	382.40	690.50	1,103.50	22.10	22.10	22.10
2008	463.10	960.40	1,484.20	9.12	9.12	9.12	355.40	671.80	1,081.20	20.40	20.40	20.40
2009	431.70	936.10	1,449.70	8.66	8.66	8.66	326.80	643.50	1,053.20	18.70	18.70	18.70
2010	409.40	909.50	1,419.60	8.23	8.23	8.23	305.00	614.80	1,026.20	17.00	17.00	17.00

	Oil & Gas Corp. Inc. Tax			Non-Petr. Non-Interest Rev. (Corp.Inc.Tax Adj'd If Rate ≠ Old One)			INFLATION			Deflation Factors			Population
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	
1995							2.29%	2.91%	3.64%	0.97761267	0.97172286	0.96487843	611,089
1996							2.14%	2.99%	4.43%	0.95713009	0.94351186	0.92394755	620,805
1997							2.14%	2.99%	4.43%	0.93707665	0.91611988	0.88475299	630,676
1998	59.00	86.00	136.00	253.05	272.74	291.28	2.07%	3.18%	4.64%	0.91807254	0.88788513	0.84552083	640,704
1999	57.00	84.00	131.00	260.64	280.93	300.02	2.07%	3.18%	4.64%	0.89945385	0.86052057	0.80802831	650,891
2000	56.00	81.00	129.00	268.46	289.35	309.02	2.07%	3.18%	4.64%	0.88121275	0.83399939	0.77219831	661,240
2001	54.00	78.00	125.00	276.52	298.03	318.29	2.21%	3.18%	4.71%	0.86215903	0.80829559	0.73746377	671,754
2002	51.00	75.00	124.00	284.81	306.98	327.84	2.21%	3.18%	4.71%	0.8435173	0.78338398	0.70429163	682,435
2003	49.00	74.00	121.00	293.35	316.19	337.68	2.21%	3.18%	4.71%	0.82527864	0.75924015	0.67261162	693,286
2004	46.00	72.00	119.00	302.16	325.67	347.81	2.21%	3.18%	4.71%	0.80743434	0.73584042	0.64235663	704,309
2005	42.00	70.00	115.00	311.22	335.44	358.24	2.21%	3.18%	4.71%	0.78997587	0.71316187	0.61346254	715,508
2006	39.00	68.00	111.00	320.56	345.50	368.99	2.21%	3.18%	4.71%	0.7728949	0.69118228	0.58586815	726,885
2007	37.00	65.00	108.00	330.17	355.87	380.06	2.21%	3.18%	4.71%	0.75618325	0.66988009	0.55951499	738,442
2008	36.00	62.00	105.00	340.08	366.55	391.46	2.21%	3.18%	4.71%	0.73983294	0.64923444	0.53434724	750,183
2009	33.00	59.00	103.00	350.28	377.54	403.21	2.21%	3.18%	4.71%	0.72383616	0.62922508	0.51031156	762,111
2010	31.00	58.00	99.00	360.79	388.87	415.30	2.21%	3.18%	4.71%	0.70818527	0.60983241	0.48735705	774,229

CASE 03, CREMO PLAN ANALYSIS

NOMINAL \$

	Permanent Fund Deposits			Permanent Fund Dividends			Non-Petro. Corp. Inc. Tax (no adj for rate > old rate)			Non-Petr. Non-Interest Rev.		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1995	215.15	222.55	227.34				35.00	45.00	55.00			
1996	193.51	216.76	244.26				30.00	45.00	55.00			
1997	193.78	226.65	259.67				30.00	40.00	50.00			
1998				219.54	219.54	219.54	30.90	41.20	51.50	253.05	272.74	291.28
1999				238.35	238.35	238.35	31.83	42.44	53.05	260.64	280.93	300.02
2000				257.00	257.00	257.00	32.78	43.71	54.64	268.46	289.35	309.02
2001				275.13	275.13	275.13	33.76	45.02	56.28	276.52	298.03	318.29
2002				292.64	292.64	292.64	34.77	46.37	57.97	284.81	306.98	327.84
2003				308.92	308.92	308.92	35.81	47.76	59.71	293.35	316.19	337.68
2004				324.16	324.16	324.16	36.88	49.19	61.50	302.16	325.67	347.81
2005				338.46	338.46	338.46	37.99	50.67	63.35	311.22	335.44	358.24
2006				351.73	351.73	351.73	39.13	52.19	65.25	320.56	345.50	368.99
2007				363.52	363.52	363.52	40.30	53.76	67.21	330.17	355.87	380.06
2008				373.91	373.91	373.91	41.51	55.37	69.23	340.08	366.55	391.46
2009				383.78	383.78	383.78	42.76	57.03	71.31	350.28	377.54	403.21
2010				392.39	392.39	392.39	44.04	58.74	73.45	360.79	388.87	415.30

Year	GAS PIPELINE				Completion in 2000			Completion in 2003		Completion in 2005		Completion in 2008	
	AS 43.56	100% of 1/8 Royalty	Prod. Tax	TOTAL	FY	State Rev.	Population Impact	State Rev.	Population Impact	State Rev.	Population Impact	State Rev.	Population Impact
1	90.00			90.00	1998	90.00	30,000						
2	180.00			180.00	1999	180.00	37,500						
3	270.00	45.63	54.29	369.92	2000	270.00	40,000						
4	294.00	91.25	51.90	437.15	2001	294.00	23,200	90.00	30,000				
5	282.00	91.25	49.50	422.75	2002	282.00	16,480	180.00	37,500				
6	270.00	91.25	47.11	408.36	2003	270.00	12,000	270.00	40,000	90.00	30,000		
7	258.00	91.25	44.71	393.96	2004	258.00	12,191	294.00	23,200	180.00	37,500		
8	246.00	91.25	42.32	379.57	2005	246.00	12,385	282.00	16,480	270.00	40,000		
9	234.00	91.25	39.92	365.17	2006	234.00	12,582	270.00	12,000	294.00	23,200	90.00	30,000
10	222.00	91.25	37.53	350.78	2007	222.00	12,782	258.00	12,191	282.00	16,480	180.00	37,500
11	210.00	91.25	35.13	336.38	2008	210.00	12,985	246.00	12,385	270.00	12,000	270.00	40,000
12	198.00	91.25	32.74	321.99	2009	198.00	13,191	234.00	12,582	258.00	12,191	294.00	23,200
13	186.00	91.25	30.34	307.59	2010	186.00	13,401	222.00	12,782	246.00	12,385	282.00	16,480
14	174.00	91.25	27.95	293.20	2011	174.00	13,614	210.00	12,985	234.00	12,582	270.00	12,000
15	162.00	91.25	25.55	278.80	2012	162.00	13,830	198.00	13,191	222.00	12,782	258.00	12,191
16	150.00	91.25	23.15	264.40	2013	150.00	14,050	186.00	13,401	210.00	12,985	246.00	12,385
17	138.00	91.25	20.76	250.01	2014	138.00	14,273	174.00	13,614	198.00	13,191	234.00	12,582
18	126.00	91.25	18.36	235.61									

CASE 03H, CREMO PLAN ANALYSIS

FY	Perm. Fund Principal at FY Start	Perm. Fund Earnings during FY	100% of Royalty Revenues	100% of Rentals & Shared Fed'l Resource Rev.	100% of Bonuses	Prod'n Tax	AS 43.56 State Share	Oil & Gas Corporate Income Tax	Collections from Prior Years	Gas Pipeline	ANWR	Lift Oil Export Ban	Total Petroleum Revenues
1998	13,915.70	435.19	946.22	12.88	0.00	807.30	39.82	114.99	13.40	0.00	0.00	0.00	1,934.62
1999	15,462.29	479.52	1,003.01	11.69	0.00	809.89	34.91	105.85	13.40	0.00	0.00	0.00	1,978.74
2000	16,985.43	525.38	1,050.11	10.62	0.00	827.80	30.81	99.51	13.40	0.00	0.00	0.00	2,032.35
2001	18,565.36	572.36	1,059.37	9.63	0.00	846.53	26.99	92.18	13.40	0.00	0.00	0.00	2,048.11
2002	20,164.18	618.51	1,032.35	8.74	0.00	819.16	23.81	87.33	0.00	0.00	0.00	0.00	1,971.39
2003	21,688.23	662.59	1,007.03	7.93	0.00	767.49	20.99	81.39	0.00	0.00	0.00	0.00	1,904.83
2004	23,146.70	704.67	979.08	7.19	0.00	754.70	18.37	76.44	0.00	0.00	0.00	0.00	1,835.79
2005	24,536.07	744.54	944.30	6.53	0.00	718.86	16.13	70.55	0.00	0.00	0.00	0.00	1,756.37
2006	25,844.72	781.54	894.50	5.92	0.00	665.78	14.12	65.03	0.00	0.00	0.00	0.00	1,645.35
2007	27,039.36	815.17	840.90	5.37	0.00	617.42	12.37	60.43	0.00	0.00	0.00	0.00	1,536.48
2008	28,120.47	845.65	793.08	4.87	0.00	577.74	10.90	56.11	0.00	0.00	0.00	0.00	1,442.69
2009	29,101.63	873.07	739.80	4.42	0.00	537.46	9.54	52.56	0.00	0.00	0.00	0.00	1,343.78
2010	29,976.13	897.43	691.85	4.01	0.00	500.13	8.29	48.25	0.00	0.00	0.00	0.00	1,252.52

FY	Non-Petrol. Non-Intr'st Revenues	AHFC Dividends	Personal Income Tax	State Sales Tax	Other	Total Non- Resource Revenues	STATE SPENDING					DRAW FROM PERMANENT FUND	Draw as %-age of Perm. Fund
							Education (K-12)	Other Operating	PFDs	Capital	TOTAL		
1998	246.28	42.28	0.00	0.00	0.00	288.56	811.51	0.00	220.27	150.00	1,181.78	893.22	6.39%
1999	242.42	40.40	0.00	0.00	0.00	282.82	824.41	0.00	243.53	150.00	1,217.94	935.12	6.05%
2000	238.62	38.61	0.00	0.00	0.00	277.23	837.52	0.00	267.52	150.00	1,255.04	977.81	5.76%
2001	234.73	36.87	0.00	0.00	0.00	271.60	850.84	0.00	292.40	150.00	1,293.24	1,021.64	5.50%
2002	230.89	35.21	0.00	0.00	0.00	266.10	864.37	0.00	317.59	150.00	1,331.95	1,065.85	5.29%
2003	227.13	33.63	0.00	0.00	0.00	260.76	878.11	0.00	341.59	150.00	1,369.70	1,108.94	5.11%
2004	223.42	32.12	0.00	0.00	0.00	255.54	892.07	0.00	364.56	150.00	1,406.63	1,151.09	4.97%
2005	219.77	30.67	0.00	0.00	0.00	250.44	906.26	0.00	386.44	150.00	1,442.70	1,192.26	4.86%
2006	216.18	29.29	0.00	0.00	0.00	245.47	920.67	0.00	407.05	150.00	1,477.72	1,232.25	4.77%
2007	212.65	27.98	0.00	0.00	0.00	240.63	935.30	0.00	425.87	150.00	1,511.17	1,270.54	4.70%
2008	209.18	26.72	0.00	0.00	0.00	235.90	950.18	0.00	442.90	150.00	1,543.07	1,307.18	4.65%
2009	205.76	25.52	0.00	0.00	0.00	231.28	965.28	0.00	458.35	150.00	1,573.63	1,342.35	4.61%
2010	202.40	24.37	0.00	0.00	0.00	226.77	980.63	0.00	472.12	150.00	1,602.76	1,375.99	4.59%