ECONOMIC PROJECTIONS FOR ALASKA AND THE SOUTHERN RAILBELT 2000-2025

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INTRODUCTION

In the 30 years between statehood and 1990, Alaska was dominated by petroleum-driven growth punctuated by a number of boom and bust cycles, each of which has brought the economy to a higher plateau of activity (Figure 1.) Since 1990 the Alaska economy has moved into a period of slower growth because petroleum production—the source of half of state value added—is now in decline. Continued exploitation of petroleum resources, even as production declines, as well as growth in other basic industries such as tourism and mining, will help to offset this loss and stabilize the economy. But dependence on commodity-producing industries means that cycles in the petroleum, fishing, timber, and mining sectors will continue to generate business cycles at the state and regional levels. The large federal and state government presence in the economy means that political decisions made in Washington and Juneau will continue to exert a strong influence on the economy.

For the state as a whole, the most likely (BASE CASE) rate of wage and salary employment growth, the best measure of the size of the economy, is projected to gradually rise, resulting in a 25-year average of 1.1 percent (Table 1). This is based on the assumptions of continued competitiveness of Alaska's export industries and successful downsizing of state and local government in response to reduced petroleum revenues. The drag on the economy during this transition is gradually overcome. Growth in real personal income will also be below the historical rate because of slower growth in the number of jobs, the continuing shift toward lower wage industries, and slower growth in government payments to individuals. Population will grow at a slightly faster rate than employment because of the continuing trends of aging of the population and the replacement of nonresidents in the work force with Alaskan residents. The average household size will continue its historical decline so growth in the number of households will exceed that of population.

Unanticipated surprises, such as the discovery of oil at Prudhoe Bay and the Exxon Valdez oil spill, have been an important source of economic growth for Alaska in the past and could contribute to growth in the future as well. Higher economic growth—1.9 percent for employment—could occur if the assumptions made in the HIGH CASE scenario come to pass such as the construction of a gas pipeline and production of a large oil field in the Arctic National Wildlife Refuge. It is also possible that unanticipated factors could cause employment over the next 25 years to grow as slow as .5 percent per year. This possibility is illustrated in the LOW CASE scenario. While the likelihood of either of those cases occurring is low, given the history of volatility of the economy, they are not beyond the realm of the possible.

The projected growth of South Central Alaska largely parallels that of the state. In the BASE CASE, the Anchorage and Kenai Peninsula Borough employment growth rates are 1.1 percent and 1.2 percent respectively, while that of the Matanuska-Susitna Borough is 2.8 percent. The diversified Anchorage economy serves as the trade, service, and headquarters center for the state. The Kenai Peninsula Borough is also relatively diversified with oil, fishing, timber, tourism, and government. The Matanuska-Susitna Borough enjoys a close proximity to Anchorage, serving as a bedroom community to absorb the overflow of growth from Anchorage, and its commodity-based economy will continue to expand in future years.

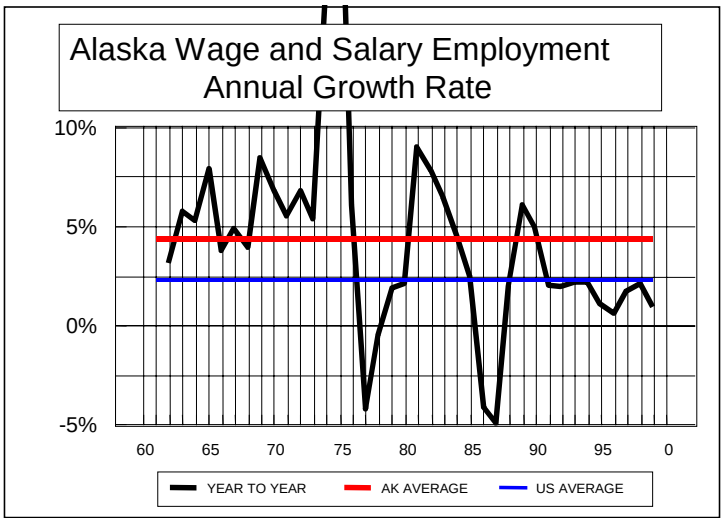

TABLE 1. PROJECTION SUMMARY

2001 BASE CASE

	POPULATION (000)	HOUSEHOLDS (000)	TOTAL EMPLOYMENT (000)	WAGE AND SALARY EMPLOYMENT (000)	PERSONAL INCOME (MILL 00$)	PETROLEUM REVENUES (MILL 00$)
2000	627.2	227.9	328.3	281.1	$18,658	$2,333
2001	635.7	231.3	335.7	287.9	$19,349	$2,115
2002	647.3	235.8	341.7	293.4	$19,197	$1,643
2003	657.7	239.8	345.3	296.6	$19,330	$1,476
2004	666.0	243.2	347.3	298.4	$19,514	$1,229
2005	670.1	245.1	346.7	297.9	$19,447	$1,218
2006	675.7	247.5	349.3	300.3	$19,588	$1,077
2007	681.0	249.7	350.4	301.2	$19,633	$1,024
2008	686.9	252.1	351.8	302.5	$19,701	$956
2009	692.9	254.3	352.7	303.3	$19,681	$950
2010	700.1	256.7	354.6	305.1	$19,714	$888
2011	708.4	259.2	357.0	307.2	$19,850	$855
2012	717.9	261.9	359.7	309.7	$20,010	$823
2013	729.2	265.3	363.8	313.4	$20,323	$793
2014	741.7	269.2	368.0	317.2	$20,655	$763
2015	754.5	273.6	372.0	320.9	$20,991	$734
2016	767.5	278.4	376.4	324.8	$21,344	$710
2017	781.0	283.8	381.1	329.1	$21,728	$686
2018	795.4	289.9	386.5	334.0	$22,164	$664
2019	810.7	296.5	392.3	339.3	$22,552	$642
2020	826.8	303.7	398.4	344.7	$23,066	$621
2021	842.8	310.9	403.7	349.6	$23,558	$603
2022	859.0	318.1	409.6	354.9	$24,060	$584
2023	875.3	325.0	415.9	360.5	$24,558	$568
2024	890.7	331.4	422.1	366.2	$25,024	$549
2025	903.7	336.9	427.1	370.6	$25,408	$534
ANNUAL AVERAGE GROWTH RATE						
2000-2010	1.11%	1.19%	0.78%	0.82%	0.55%	-9.21%
2010-2025	1.72%	1.83%	1.25%	1.31%	1.71%	-3.33%
2000-2025	1.47%	1.57%	1.06%	1.11%	1.24%	-5.73%

MAP MODEL SIMULATION		CEA01B
PREPARED FOR		CHUGACH ELECTRIC ASSOCIATION
CREATED		SUMMER 2001
POPULATION	POP	JULY 1 CENSUS DEFINITION
HOUSEHOLDS	HH	JULY 1 CENSUS DEFINITION
TOTAL EMPLOYMENT	EM99	INCLUDES ACTIVE DUTY MILITARY AND PROPRIETORS
WAGE & SALARY EM	EM97	ALASKA DEPT OF LABOR DEFINITION
PERSONAL INCOME	DF.PIB	USDC BEA DEFINITION
PETROLEUM REVENUES	DF.RP9S	INCLUDES PERMANENT FUND CONTRIBUTION AND WINDFALLS

THE BASIC SECTORS

For the foreseeable future, the Alaska export base will continue to be dominated by commodity-producing industries combined with tourism, national defense, and the movement of international freight. Relatively high labor costs, sparse and expensive infrastructure, small market size, and distance from markets will continue to act as barriers to the development of significant processing as well as manufacturing and services for export. Petroleum, mining, tourism, and international freight hold the most potential for employment growth. Growth of the timber and seafood industries may result from more intensive exploitation of the resource base together with the expansion of value-added processing.

Because of this dependence on commodity-producing industries, the Alaska economy will continue to experience localized business cycles as commodity prices respond to world market conditions. Although the existence of these cycles can be expected, their timing cannot be forecast. Consequently our projections have an appearance of smoothness and continuity which contrasts with the past experience of the economy and which is unlikely to be the actual pattern in the future.

One cycle that can be anticipated would be associated with the construction of a pipeline to bring North Slope gas to market. This would cause a significant construction boom followed by a transition to a much smaller operational workforce. In the HIGH CASE projection, this appears as a cycle similar to, albeit smaller than, the historical cycle associated with construction of the trans-Alaska oil pipeline in the 1970s.

Petroleum. After falling below $10 in the winter of 1998-99, the lower 48 price of a barrel of North Slope Crude rebounded into the $25-$30 range for nearly two years before moving back toward its long term average price in the $16-$20 range (2000$). After a period of restructuring highlighted by the BP ARCO merger, employment stabilizes in the BASE CASE. Several factors suggest this scenario. First, the state has recently relaxed regulations on the state royalty rate on marginal oil fields and this will enhance interest in the development of a number of smaller fields on the North Slope, as well as heavy oil fields such as West Sak. Second, exploration continues and new fields continue to be discovered. Third, billions of barrels of oil remain in fields currently producing. The expansion of infrastructure and technological advances will continue to reduce the costs of exploration, development and production in the future as they have in the past. Future production is expected to decline at a slower rate than in the past and this will continue to sustain a large workforce because of the intensity of development.

Exploration and modest production from the Alaska National Wildlife Refuge is included in the BASE CASE but not the construction of a gas line to carry North Slope natural gas to tidewater or the US Midwest. We assume instead that North Slope gas is converted to a liquid on site and transported through the existing pipeline after 2005. North Slope oil production remains relatively constant at 1 million barrels per day until 2010 and then falls off at 3 percent annually. Employment in the industry stabilizes at 9.35 thousand towards the end of the decade.

If the real price of oil were to average $25 (2000$), or some other set of changes were to increase the wellhead value of North Slope Crude by several dollars, the incentive to explore and develop on the North Slope would be greater than in the BASE CASE. In the HIGH CASE scenario, we assume development of a major discovery in ANWR with production after 2004, production from a major field offshore, and the construction of a gas pipeline between 2004 and 2007. Employment in the industry reaches 12 thousand by 2010 and 14 thousand by 2020.

If the real wellhead price of oil were to average $13 (2000$), the incentive to explore and produce on the North Slope would be reduced and the level of petroleum employment could continue to decline throughout this decade. Exploration and development in ANWR would be delayed, and there would be no construction of a gas pipeline. In this case declining production could result in falling employment to 8 thousand in 2010 and 7.5 thousand in 2020.

In all cases the Alyeska Pipeline and the processing of petroleum for export continue at the current level of employment. Processing

consists of the export of LNG and the manufacture of Urea—activities centered on the Kenai Peninsula, and the refining of a small portion of the crude oil produced in the state at refineries in several locations.

Mining. The mineral potential of Alaska has long been recognized; and the combination of a large base of prospects, growing world demand, and technological advances will result in growth in production in spite of flat commodity prices. This is reflected in the current activity level in this industry around the state and particularly in Southeast and Interior Alaska. The development of the Fort Knox mine outside Fairbanks, the reopening of the Greens Creek mine outside Juneau, and the expansion of the Red Dog Mine in the Northwest are the most visible examples of this interest.

The general lack of infrastructure at most sites, high construction and operating costs at remote sites, and distance from markets, means that only the largest deposits can be successfully developed. Furthermore, they must be able to withstand the dramatic price fluctuations experienced in world metal and coal markets due to world business cycles.

Identifiable projects that we assume are developed in the BASE CASE include the Kensington Gold mine as well as expansion of the Red Dog mine in Northwest Alaska. We also assume other prospects, not currently identified or publicly announced, are developed and brought into production. These include an additional gold mine in the Fairbanks area and employment growth in other mining activity of 3 percent annually.

With higher mineral prices, more discoveries, favorable political decisions, and lower exploration and development costs, the expansion of the mining sector could proceed more rapidly. In the HIGH CASE we assume that production from a coal mine at Beluga on Cook Inlet takes place, a coal mine in the Matanuska valley is developed, and that other unidentified prospects employ more miners than in the BASE CASE (5 percent annual growth).

If the economic and political climate proves to be unfavorable toward the mining industry, fewer potential projects would reach the production stage. In the LOW CASE we assume that existing mines continue in operation, but that no new gold mine in the Fairbanks area is developed. Employment growth from unidentified prospects grows only 1 percent annually.

Forest Products. The closures of the pulp mills in Sitka and Ketchikan as well as the sawmill in Wrangell reflect a retrenchment of this industry that has historically been central to the economic health of Southeast Alaska. Timber harvesting and processing will continue to be an important part of the Southeast Alaska economy albeit at a lower level of employment than in the recent past. On the other hand, there is potential for modest expansion of the harvest from South Central Alaska forests.

In the BASE CASE we assume that employment in harvesting grows 1 percent annually and that a modest wood products manufacturing industry gradually develops in South East Alaska. Employment in the industry increases to 1.9 thousand by 2010 and 2.1 thousand by 2020.

If more timber were to become available for harvest, the long term price were strong, and processing opportunities developed, employment in harvesting and primary processing of timber could be higher in the South East. In the HIGH CASE we assume that harvesting employment grows at 2 percent annually in South East Alaska and that a larger processing industry develops in Ketchikan and Sitka so that employment reaches 2.7 thousand by 2020.

Restrictions on supply and lower prices could result in a gradual reduction in the level of employment in the industry. In the LOW CASE we assume a 1% annual decline in employment in harvesting in South East Alaska and no growth in South Central Alaska. A very small wood products industry remains in South East Alaska but by 2020 employment in this sector is 1.4 thousand.

Seafood. International competition has negatively impacted the value of Alaska seafood production in recent years, and expansion of the fishing industry is constrained in the long run by the resource base, which is close to full exploitation. Potential for growth exists from

further "Alaskanization" of the fishery (harvesting and processing of fish caught in Alaska waters by Alaskans), from adding value to seafood prior to export through additional processing, and from the stimulation of growth in consumer demand for Alaskan products. On the other hand, policies to rationalize seafood harvests could reduce Alaska employment levels while improving efficiency, international competition could continue to reduce the value of Alaska stocks, and competition from sport fishermen and other harvesters could reduce the commercial allocation.

In the BASE CASE, the level of employment in fish harvesting and processing remains constant after the opening of a new fish processing facility in Anchorage, reflecting a balance between these factors.

In the HIGH CASE, expansion of onshore processing of salmon and bottomfish continues through the first decade of the next century at 2 percent annually.

In the LOW CASE, intense competition from foreign sources combined with productivity increases in harvesting result in a gradual decline in the level of employment at a rate of 1 percent annually.

Tourism. The tourism industry will continue to expand as a result of both the growth of demand for tourism in the US and abroad and the increasing market share being drawn to Alaska because of continuing development of the tourism infrastructure in the state.

In the BASE CASE, the index of tourism expenditure growth is 5 percent annually through 2005, 3 percent through 2010, and 2 percent thereafter. This index reflects the combined effects of growth in the number of visitors, increased average length of stay, and growing real expenditures per visitor day. In addition, we assume a continuation of construction activity associated with infrastructure development related to tourism.

In the HIGH CASE, the tourism index is assumed to increase at the rate of 6 percent until 2005, 4 percent until 2010, and 3 percent thereafter. Infrastructure development is more rapid than the BASE CASE as well.

In the LOW CASE, the rate is 4 percent until 2005 and 2 percent until 2010, and 1 percent thereafter. Infrastructure development is slower than in the BASE CASE.

International Air Cargo. International air cargo operations have been expanding rapidly at the Anchorage International Airport, and some activity is also occurring at Fairbanks. The trans-Pacific market is growing rapidly and Alaska is well positioned to play an important role in this growth.

In the BASE CASE we assume continued rapid growth through 2010 and thereafter stable employment of 3 thousand annually.

In the HIGH CASE, we assume employment reaches 4 thousand by 2013 and thereafter remains stable.

In the LOW CASE we assume that growth is similar to the BASE CASE through 2010. Employment begins a slow decline thereafter as international competition and technological change reduce the current location advantage enjoyed by Alaska.

Military. Military personnel levels are difficult to project due to the conflicting demands of security and the federal budget. In recent years, there has been a significant downsizing of Alaska military bases in Anchorage (Fort Richardson) and Fairbanks (Fort Wainwright) as well as the closure of several other bases in the state at Adak, King Salmon, McGrath, and Delta Junction. It is not known whether additional rounds of base closures will occur.

In the future an increase in manpower levels is certainly possible in Alaska if troops are returned to the United States from abroad as a cost cutting measure. Furthermore there is no assurance that additional manpower will not be needed in the future due to continued unrest in many parts of the world. Finally, there is some possibility that an anti ballistic missile system will be built and located in Alaska during the next decade.

There has been a trend in recent years toward a upgrading of the types of jobs reflected in the manpower figures. Thus the payroll has been growing even though the number of personnel has not.

The BASE CASE assumes that the level of active duty personnel stationed in Alaska remains constant at 18.7 thousand.

In the HIGH CASE, annual growth of 1 percent continues through 2010 after which time the personnel level is constant.

In the LOW CASE an annual decline rate in personnel of 1 percent is assumed. Furthermore the closure of Fort Richardson in Anchorage occurs at the end of the decade.

Federal Civilian. In spite of some recent reduction in the number of federal employees in Alaska, the federal government presence in the state is likely to increase in the future for several reasons. Federal civilian employment in certain agencies such as the U.S. Postal Service will respond to growth in the population of the state. Other agencies such as the U.S. Department of Interior will experience increasing levels of activity as the demands on federally owned and managed public resources increase.

In the BASE CASE, we assume employment growth at a .25 percent annual rate.

In the HIGH CASE, federal civilian employment grows at an annual rate of .5 percent.

In the LOW CASE, employment declines .25 percent annually.

Federal Grants. We assume a continuation of the annual large infusion of federal funds for capital construction projects, in such areas as transportation and rural water and sewer through 2010. Thereafter the flow gradually tapers off, in the BASE CASE at 5 percent annually, the HIGH CASE at 3 percent annually and the LOW CASE at 10 percent annually. We also assume a continuation of the high per capita level of operating grants flowing to state and local governments as well as non-profits organizations within the state.

Basic Income. As the Alaska population ages income from dividends-interest-rent will account for an increasing share of total personal income. We assume this portion of personal income grows 25 percent faster than total personal income in the BASE CASE, 30 percent faster in the HIGH CASE, and 20 percent higher in the LOW CASE.

The final resolution of the Exxon Valdez oil spill lawsuit will occur between 2004 and 2009. Although the court settlement was for about $5 billion, the amount which it will ultimately add to Alaskans' incomes is unknown since the decision is under appeal and the residences of all recipients is not known. We estimate final resolution will pump $1 billion into the economy in the BASE CASE, $1.5 billion in the HIGH CASE, and $.5 billion in the LOW CASE.

Petroleum Rents. The Permanent Fund dividend, projected to pump in excess of $1 billion into the hands of Alaskan consumers annually, has contributed to growth of the economy like any other basic industry. Its influence will decline in future years as a portion of the earnings of the Permanent Fund, including part of the share now allocated to the dividend, is appropriated to cover the necessary expenses of state government.

Agriculture. Agriculture in Alaska currently primarily serves the local market with an insignificant share destined for export from the state. We assume in all cases that employment in this sector grows 2 percent per year.

Other Manufacturing. Other basic sector activity that has not been explicitly identified in the projection is assumed to grow with the growth in the overall economy. Growth in manufacturing for export, excluding fish processing, timber harvesting and processing, and petroleum processing, is currently insignificant and projected to remain so.

THE NATIONAL ECONOMY AND POLITICS

Trends in the national economy have an important influence on the growth of the Alaska economy. First, a large portion of the exports of

the state are sold in the lower 48, so the strength of Alaska export industries, particularly tourism, depends upon the general health of the US economy. Second, the growth in real wage rates at the national level, which is driven by productivity increases, directly influences growth in real wages in Alaska. If real wages grow nationally, Alaska real wages will also grow to maintain parity. Higher real wages in turn contribute to growing purchasing power for Alaskan consumers. Third, unemployment in the rest of the nation influences the size of the labor force in Alaska. Higher national rates of unemployment cause more people to consider Alaska as a place to look for work. Finally, the size of the federal budget has an important influence on the Alaska economy since Alaska receives more in federal expenditures per capita than any other state.

The national economy is currently in the midst of a recession of unknown length and magnitude that will have several effects on the Alaska economy. First, it will weaken demand for some Alaskan products, particularly tourism opportunities within the state. Second, it may result in population growth as unemployed workers from other parts of the country look for work in Alaska. Third, weakness in the stock market may reduce consumer spending. Finally, the general optimism about the economy Alaska has recently enjoyed will be reduced as the national economy stalls and energy prices drop.

As this report was being written the terrorist attack on New York City and Washington DC. took place. This will certainly magnify the recession nationally and have some impact on Alaska, most obviously introducing a sense of caution into the economy in the near term. Beyond that it is impossible to speculate because psychological factors are so important in the aftermath of such a tragedy.

We assume that the growth of the national economy will eventually return to its long-term trend values and that the Alaska economy will adjust in response to these changes. In particular the unemployment rate will return to the historical average and growth in consumer spending will pick up.

We assume no significant changes in long-term national economic trends in the inflation rate, unemployment rate, real average weekly earnings, or real per capita income. But in the LOW CASE and HIGH CASE projections, we assume slightly different values for these variables.

Because of the large military and federal civilian work forces, the large share of federally owned and managed natural resources, the large Native American population, and the fact that Alaska has only recently become a state, the federal government will continue to play an important role in the Alaska economy. In general, we assume no major departures from current policies in these and other areas, such as the legal structure of the Alaska Native Corporations and the by-pass mail system of the U.S. Post Office, which provides subsidized freight service to rural Alaska.

We do assume that the federal cost of living adjustment (COLA), paid to a large share of federal employees in Alaska, gradually declines between 2010 and 2015 from its current level of 25 percent to 15 percent in the BASE CASE, to 20 percent in the HIGH CASE, and 10 percent in the LOW CASE.

STATE FISCAL POLICY

Petroleum Revenues. About 85 percent of state general fund revenues come from current or former year petroleum related activities. State petroleum revenues are based upon the price of oil, production, and the tax and ownership regime. Although we project that the price will be relatively stable in the long run, experience shows that it is quite volatile in the short term, resulting in fluctuations in petroleum revenues of hundreds of millions of dollars from year to year in spite of relatively constant levels of production. Over the long term, production is projected to continue the decline that began in 1989. We use the Alaska Department of Revenue projections of production in the near term and, since these projections have tended to be conservative in the past, in the longer term use a decline rate consistent with the historical trend.

As exploration and production move outward from the central Prudhoe Bay facility the

wellhead price, upon which royalty and tax payments are based, will fall. Exploration and development will tend to become concentrated on smaller fields. This will reduce the severance tax per barrel that is based on field size and average well productivity. Finally a smaller share of production will come from lands owned by the state. This will reduce the state revenue yield per barrel produced because of the need to share any revenues with the federal government or private landowners.

State tax and royalty rates have changed numerous times in the past, but we assume no changes in the future that would significantly change effective rates. Federal policy also influences state petroleum revenues, most notably the recently lifted export ban on North Slope crude oil. We assume no change in federal policy impacting state petroleum revenues except the eventual opening of ANWR to exploration.

In the BASE CASE, general fund petroleum revenues fall from $1.8 billion in 2001 (a year of high oil prices) to $.728 billion in 2010 (2000$) and $.500 billion in 2020. In the HIGH CASE petroleum revenues are $1.25 billion in 2010 and $1.06 in 2020. In the LOW CASE petroleum revenues are $.61 billion in 2010 and $.34 billion by 2020.

In addition to taxes and royalties on current production, the state has received several hundred million dollars in each of the last several years from the settlement of various disputes with the oil companies over the valuation of petroleum for calculating tax liability and royalty payments. The backlog of outstanding disputes has been greatly reduced, and the state has now accumulated a cash reserve of several billion dollars in the Constitutional Budget Reserve account. We assume the state receives an additional $.2 billion in 2002 and 2003. Thereafter, additions to this account drop to $50 million annually. This balance is being gradually expended to cover annual deficits in the state general fund budget, and the balance is currently projected to be gone in 2005.

Non-Petroleum Revenues. Non-petroleum revenues account for about 15 percent of state general fund expenditures. Alaska has neither a state personal income tax nor a statewide general sales tax. Taxes, primarily the corporate income tax, fuel taxes, seafood taxes, and excise taxes on insurance and utilities, account for about half the total. The remainder consists of licenses, charges, investment earnings, and miscellaneous.

Total State Expenditures. In addition to the general fund, the state budget includes expenditures out of Permanent Fund earnings (currently the dividend), expenditures of federal funds, and "off budget" items that are self financing such as the International Airports. Taken all together the budget of the state is about $7 billion, making it one of the most important factors in the economy.

Alaska Permanent Fund. The Alaska Permanent Fund has a balance f about $24 billion (including the earnings reserve and unrealized capital gains). Growth until quite recently has been dramatic, based on the strength of the US stock market. In the future its growth in real terms will come from contributions of a share of state royalties from petroleum and other resources and from any reinvestment of earnings in excess of the amount used to fund the annual Permanent Fund Dividend and to maintain the purchasing power of the fund balance through deposits known as "inflation proofing." Although the Legislature has also made special appropriations to the Fund in the past, we do not expect that practice to continue.

Because of its size, the annual earnings of the Fund now constitute the largest source of income for the state and it will be the centerpiece of any strategy to mitigate the effects of declining petroleum revenues. We assume a continuation of the conservative investment policy of the Fund and a stable 5 percent annual return after inflation in the BASE CASE. We assume a 6 percent return in the HIGH CASE and 4 percent in the LOW CASE.

"Fiscal Gap" Strategy. Since revenues from petroleum production account for 85 percent of the state general fund revenues and about 1-in-3 jobs in Alaska can be traced to state government spending, the decline in petroleum production which began in 1989 will continue to have a major impact on the economy. The relatively

small contribution to state value added from our other resource industries precludes the possibility that revenues from these industries could successfully fill the void left by declining petroleum revenues. Whereas in the past increasing state expenditures fueled by expanding petroleum revenues contributed significantly to economic growth, the loss of petroleum revenues is now causing a "fiscal drag" on the economy.

We can describe the ways in which the loss of petroleum revenues will impact the economy only in very general terms because it is difficult to predict with any precision either the amount of petroleum revenues that will be available to government during the coming years or the adjustment policies which state and local governments will adopt to deal with declining revenues. Up to now, the main response has been to try to minimize growth in the state operating budget and utilize cash reserves to balance the budget. However, the need for more comprehensive adjustments presents itself in each of the projection scenario cases—LOW, BASE, and HIGH.

These measures in each Case form a fiscal package with six elements, three of which have already been initiated.

First, the level of state spending, including transfers to local government, falls in real per capita terms as the availability of revenues decreases. General Fund appropriations are held at a constant level through 2002. After that general fund appropriations grow as some percentage of inflation and the growth in population depending upon the availability of revenues. In all cases real per capita general fund expenditures fall over time.

Second, the cash balances in the Constitutional Budget Reserves are used to balance the budget.

Third, as the balance falls, the cost of living adjustment normally built into public sector wage rate contracts is eliminated for a period to allow real wage rates in the public sector to adjust downward.

Since these measures alone will be insufficient to balance the state budget at a level that provides a reasonable level of public services, three additional measures will become necessary.

First the available earnings of the Permanent Fund are transferred each year as necessary to support general fund appropriations. In no case is the corpus of the fund, currently protected by the Constitution, used to pay for government.

Second, the formula used to determine the Permanent Fund dividend, paid to all Alaska residents, is revised. The amount allocated to the Dividend account becomes the residual real earnings of the Permanent Fund after the appropriation to the General Fund.

Third, the personal income tax is restored at rates that approximates those in place before the tax was eliminated in 1980.

The combined effect of these fiscal measures is to cushion the state economy from the full effects of the reduction in petroleum revenues. Employment in government stabilizes and the importance of public spending for the economy declines.

State government spending—operations, capital expenditures, transfers to local governments, transfers to individuals, loans to business and individuals—no longer contributes to economic growth as was the case in the past. For example, the restoration of the personal income tax and the reduction of the dividend, actions designed to maintain the purchasing power of government, reduce the purchasing power of households by a somewhat smaller amount.

Local government is also a large employer and is heavily dependent on state transfers to support its programs. The declining ability of state government to finance its budget will limit the ability of local government to expand services and will force local government to look for new sources of revenue as well.

There is no assurance that state government will respond to declining petroleum revenues in the way described in these cases, particularly with regard to the timing of events. There is a tendency in representative government to

postpone the politically painful decisions associated with budget reductions until a crisis arises. However, there are examples from the past, such as the special contributions to the Permanent Fund in the 1980s, which demonstrate that Alaskans have successfully implemented policies that balance future public sector needs against pressing present demands. Thus, our assumption that the state will be successful in managing its fiscal future is at least partially supported by past experience.

One important implication of this set of fiscal assumptions is the continued growth of the Permanent Fund at the same time that there is a decline in government expenditures and the Permanent Fund dividend. Its continued existence provides an important source of income to Alaska and Alaskans, but it is possible that the Permanent Fund would not survive the painful transition which declining revenues might impose. "Cashing out" of the Fund in the short run would eliminate it as a source of income in the longer term, and this would have significant consequences for any economic projection—providing a temporary stimulus to the economy as long as Permanent Fund-supported government spending were available, but followed by a severe economic slump.

INFRASTRUCTURE AND SUPPORT

Employment in infrastructure (transportation, communications, utilities, and construction) and support (trade, services, and finance), will grow slowly as the economy adjusts to the realities of life after Prudhoe Bay. Subsequently growth will accelerate in response both to increases in basic sector business activity and household purchasing power. As in the national economy, the continuing shift toward an economy dominated by the provision of services will be in evidence in Alaska.

Expansion of infrastructure and support has progressed at a very rapid pace since statehood in response to maturation of the Alaska economy. At the time of statehood, there was very little business infrastructure to support the commodity-producing industries (including the military) or to provide services to Alaskan households. Since then growth in the infrastructure and support industries of the state has transformed the structure of the economy, at least in urban Alaska, from a "frontier" to one typical of many parts of the rest of the nation. Although not yet complete, this maturation process has largely run its course and growth of these sectors in the future will occur at a rate which more closely parallels that of basic sector activity. Nevertheless the majority of new jobs added to the economy in the next 25 years will be in the support sector of the economy.

TOTAL EMPLOYMENT GROWTH

In the BASE CASE employment growth will be slow until 2010 and then speed up modestly. This pattern is a direct result of the assumptions of basic sector and fiscal activity. Modest expansion in support sector activity will offset the fiscal drag on the economy from declining petroleum revenues. Total basic employment will expand slowly, infrastructure employment will be stable, support employment will experience the most rapid growth, and pressure to contract will continue for state and local government. When state and local government get on a sustainable fiscal trajectory, the fiscal drag will disappear and growth will be driven by expansion of the economic base.

In the HIGH CASE more robust expansion of basic sector employment and higher petroleum revenues and Permanent Fund earnings fueling government spending keep total employment growing consistently over the projection period. Nevertheless, the majority of new jobs are in the support sector, which nearly doubles in size between 2000 and 2025.

In the LOW CASE declining basic sector employment, consistently low oil prices, and lower Permanent Fund earnings combine to result in a relatively flat employment projection.

POPULATION AND HOUSEHOLDS

State population and household growth generally track that of employment since people tend to migrate in pursuit of jobs. The availability of jobs will continue to be the primary but not only determinant of population in the state. A smaller share of jobs than

historically will go to nonresidents in future years. An increasing proportion of the population will either be too young or too old to be in the labor market.

The labor force participation rate for Alaska has historically been above the national average, not because Alaskans of a particular age and sex are more likely to work but because of a concentration of the population in those age groups that have a high percentage of people employed or looking for work.

In future years the Alaska labor force participation rate will be influenced by two factors which will have opposite effects on the rate. First, the aging of the population will move a larger share of the population into older age cohorts, which have lower labor force participation rates. Second, the age-specific labor force participation rates of females will continue to rise in concert with national rates. We assume the first of these factors will dominate and the labor force participation rate will decline very slowly.

Natural increase (births minus deaths) will continue to add about 10 thousand people to the population each year. This will be more than sufficient to fully supply the labor market through 2010 in the BASE CASE, resulting in net out-migration. Later this pattern will be reversed and Alaska will experience net in-migration when employment growth increases. Net in-migration will be the general pattern in the HIGH CASE due to the faster growth in employment opportunities, particularly during the gas pipeline construction years. In the LOW CASE, net out-migration occurs in most years. In all cases the gross flows of newcomers into the state and of residents leaving will continue to be several times the size of the net flows.

Until quite recently, the average household size has been declining in Alaska as it has in the rest of the nation due to the increase in the proportion of single-parent households, non-related adult households, and elderly households. In addition, Native household size has declined substantially, partly in response to increased availability of housing and higher incomes. This has resulted in more rapid growth in the number of households than population. We assume, consistent with national expectations, that average household size will continue to decline, but at a much slower rate than in the past.

WAGES AND PERSONAL INCOME

The real average annual civilian wage (adjusted for inflation), which grew rapidly in the 1960s and at a slower rate in the 1970s, fell during the 1980s and 1990s. This reflects a shift in employment toward lower wage industries and downward pressure on wage rates from slower growth in employment opportunities. This is partly a reflection of the state recession in mid-1980s, partly due to structural change in the Alaska economy, and partly the result of changes occurring in the national economy. The real average annual civilian wage is projected to decline modestly in the future in the BASE CASE, to decline a bit more rapidly in the LOW CASE, and to remain relatively flat in the HIGH CASE.

Historically, the vast majority of personal income in Alaska has come directly from wage and salary payments. This made household purchasing power very sensitive to fluctuations in basic industry activity. More recently however a larger share of income has come from non-wage sources (transfers as well as dividends, interest, and rent). This reflects both the growth of numerous state government income transfers to individuals (like the Permanent Fund dividend) that support household spending, and the aging of the population. An older population has more opportunity to acquire assets that generate income independent of wages. An older population also has income from pensions and other retirement accounts.

Income from non-wage sources is expected to continue to grow, albeit at a slower pace than historically, particularly transfers. This is due to the likely reduction in the Permanent Fund dividend and other state government transfer programs, and the inability of the federal government to finance the continued expansion of entitlements such as Medicaid and Medicare at the same rates as in the past. The slowdown in growth of these non-wage components of income will impact household income and slow growth of support employment.

Real per capita income will fall modestly in the BASE CASE and LOW CASE, reflecting these trends in real wage rates and non-wage income. Real per capita disposable income will fall somewhat more due to re-imposition of the personal income tax. In the HIGH CASE per capita income will remain fairly constant. In all cases the differential between Alaska and the lower 48 will continue to decline.

PRICES

The price level in Anchorage is about 12 percent above the national average. This is down from 46 percent above in 1961, 34 percent in 1970, and 29 percent in 1980. The downward trend in the cost of living differential is attributable to an increase in market size in the state that results in competition in consumer and labor markets and economies of scale. These trends are expected to continue, albeit at a slower rate so that the price level in Anchorage will move closer to, but not fall to, the national average. In the BASE CASE and HIGH CASE the differential is projected to fall to 11 percent by 2020. In the LOW CASE it falls to 8 percent.

Because the price level is expected to move marginally closer to the national average, inflation will closely track the national average as well.

STATEWIDE SUMMARY

In summary employment growth will be driven by the continued development of the natural resources of the state with modest increases in value added from processing of those commodities. The rate of employment growth will be considerably below the historical average because of the deceleration of growth of support sector activities and the realignment of the public sector. Growth is characterized as occurring at a relatively smooth rate, but it is likely to continue to be punctuated by cycles of more rapid and slower growth due to the dependence of the economy on commodity production and the uncertainty about how "fiscal drag" will manifest itself.

Strong construction seasons, the movement of several large retailers into the Alaska market, growth in services (in particular, tourism and health services), a boom in mining, growth in the Permanent Fund dividend, expansion of the air cargo industry, growth in federal grants, and a strong national economy have generated most of the employment growth during the last several years.

Economic growth will be slow in the near term as the state wrestles with the "fiscal gap" and the national economy cools off.

ANCHORAGE

The growth rates for employment, population, and households in Anchorage parallel those of the state because Anchorage represents a large portion of the state economy and its economic base is the most diversified in the state. In addition Anchorage is the center for most of the support services provided both to businesses and households throughout much of Alaska. Consequently Anchorage is impacted by developments occurring in virtually every part of the state.

The important activities that support the economy include the following: Petroleum—headquarters for development and production on the North Slope and Cook Inlet in the Kenai Peninsula Borough, as well as home for many of the workers on the North Slope. Military—two military bases (Elmendorf Air force Base and Fort Richardson Army Base) with several thousand active duty personnel. Federal Government—the Department of Interior provides management of the 60 percent of Alaska lands owned by the Federal Government and the Department of Defense supports military operations. Tourism and Air Transportation—Anchorage hosts two-thirds of the million tourists who visit the state annually and the International Airport services both passenger and air freight traffic between the United States, Europe, and the Far East. Commercial Center—54 percent of trade receipts and 69 percent of service receipts flow through Anchorage businesses, and Anchorage serves as headquarters for most banks as well as being the transportation and construction center for much of the state. State Government— supported

largely by petroleum revenues, state government is an important employer in Alaska, and Anchorage has the largest concentration of state employees.

Anchorage residents enjoy a high per capita income and a high mean household income. Factors contributing to the high overall income include the high average wages in several important industries such as petroleum and construction, a relatively high proportion of professional and technical jobs, a relatively small population over 65, and a high labor force participation rate. Purchasing power is enhanced by the absence of state or local income or sales taxes and the annual Permanent Fund dividend each resident receives from the state.

Although the cost of living in Anchorage has historically been higher than in the rest of the country, that is only a partial explanation of the higher wages and incomes. Furthermore the cost of living differential has narrowed considerably in recent years with improved transportation, increased population, larger markets, and other factors.

The Anchorage population has nearly tripled since Alaska became a state in 1959. In the process Anchorage has been transformed from a frontier town into a modern city. The petroleum industry has supplanted the military as the dominant basic industry in the community. Together with specific government policies fostering the development of the Alaska economy this has led both to growth in household income and population stability. Trade, services, and finance support industries have grown enormously as Anchorage has gradually replaced Seattle as the supply center for much of Alaska.

MATANUSKA-SUSITNA BOROUGH

The Matanuska-Susitna Borough economy has become closely linked to the Anchorage economy as over the years better road connections have transformed large parts of the Matanuska-Susitna Borough into a suburb of Anchorage. The Borough will continue to evolve as a part of the greater Anchorage economy and will grow with Anchorage since it has a relatively small economic base of its own consisting of mining, timber, and tourism. But because it is on the periphery of the greater Anchorage economy, change in the Borough will be more pronounced than for Anchorage. Consequently, the rate of growth in the Borough will be faster than for the state or for Anchorage when the economy is expanding and may lag when the state economy is stagnant.

The 12 thousand wage and salary jobs in the Matanuska-Susitna Borough are largely in trade and services in support of resident households. Two-thirds of the economic base is provided by thousands of daily commuters to Anchorage and residents working at other jobs sites around the state.

KENAI PENINSULA BOROUGH

The economy of the Kenai Peninsula Borough is relatively diverse with significant levels of activity in the production and processing of petroleum, commercial fishing, and timber. In addition the Borough is a center for tourism, state government facilities, and regional transportation. This base will provide stability to the economy and growth rates will mirror those of the state and Anchorage. The Borough will continue to rely on Anchorage for the provision of many support services.

The 17 thousand wage and salary jobs in the Kenai Peninsula Borough are based primarily on the activities of the petroleum, fishing, and tourism industries. The transportation links to Anchorage do not allow commuting on a daily basis.

ECONOMIC PROJECTION METHODOLOGY

The projections of economic and demographic variables for the state of Alaska and the South Central region presented in this report were generated using the Institute of Social and Economic Research (ISER) MAP Econometric Modeling System. This modeling system combines an economic module, a demographic module, a fiscal module, a regionalization module, and a housing stock module.

The model is driven by an ECONOMIC DEVELOPMENT SCENARIO which is a consistent set of assumptions about levels of future basic industry activity within the state, national variables, and state fiscal policy variables. A complete listing of the assumptions for each scenario used to generate the Base, High, and LOW CASE projections is contained in an appendix.

The scenario elements were developed by the author with the assistance of an informal committee composed of representatives of the utilities participating in this study. The author proposed the elements to be included in each of the cases and the committee reviewed each scenario. Although the choice of assumptions to include within a scenario is rarely unanimous, there was broad general agreement among participants on the composition of each of the scenarios.

Many of the scenario elements involve a large degree of judgment about future domestic and international political events that are beyond the realm of economics. It is in these elements that the informal committee provided the most assistance in the formulation of the scenarios.

The working definitions of the BASE, HIGH, and LOW CASES are as follows: The **BASE CASE** is a combination of scenario elements that yields a projection of population in South Central Alaska which is the median of all possible population outcomes. That means approximately that there is as much chance that employment or population will actually be higher than the BASE CASE as there is that employment or population will be lower. The **HIGH CASE** is a combination of scenario elements that yields a projection of population which is near the upper bound of the range of likely outcomes. The **LOW CASE** is a combination of scenario elements that yields a projection of population which is near the lower bound of the range of likely outcomes. These definitions are subjective but represent the general direction of thought of the group as the scenario elements were being chosen.

There are numerous combinations of scenario elements which, when combined into an ECONOMIC DEVELOPMENT SCENARIO, will yield a particular population projection for South Central Alaska. An earlier study by the author which also used the MAP Econometric Modeling System has demonstrated the range of possible population outcomes for a large number of combinations of scenario elements (*Economic and Demographic Projections for the Alaska Railbelt: 1988-2010*, ISER, 1988). Furthermore, the **HIGH** and **LOW CASES** could have been, but were not, defined to be the highest and lowest possible outcomes for all possible combinations of scenario elements. Consequently, the actual population growth for South Central Alaska could lie outside the upper or lower bounds of the range presented in this study, but with only a small likelihood.

The scenario elements for basic sector economic activity are a collection of both project-specific assumptions and generic industry assumptions. A typical project-specific element is the construction and operation of a gold mine at Fort Knox near Fairbanks while a typical

generic element is the assumption of employment growth in the mining industry from projects not currently identified. In recognition of the fact that myopia prevents the identification of all potential projects that may occur over the next 30 years, there has been a conscious effort in the creation of the scenarios to account for this bias through the inclusion of the generic elements. These generic elements have been developed to be as consistent as possible with historical patterns of industrial activity.

One of the most critical assumptions in each development scenario is the price of oil since this affects both the level of petroleum industry activity in the state and the level of public revenues. Petroleum revenues are important to the economy since the state of Alaska currently receives about 85 percent of its general fund revenues from petroleum taxes and royalties, and state government spending in Alaska is considerably above the national average. Consequently, state spending has a disproportionately large influence on the private economy.

In each of the three scenarios, petroleum revenues are less than they were in the past, and a set of assumptions regarding state and local government behavior to address this significant loss of revenue is formalized in a FISCAL SCENARIO.

The main elements of a FISCAL SCENARIO are policies controlling the level of state and local government spending in the face of reductions in revenues, determination of state and local government wage rates, re-imposition of a state personal income tax, and the use of earnings of the Permanent Fund including reduction of the Permanent Fund dividend. Actual state policies to deal with the shortfall of petroleum revenues as well as the timing of their imposition are difficult to project. However independent analyses support the conclusion that some set of policy changes similar to those reflected in the FISCAL SCENARIO will be necessary in the near future to balance the state budget as petroleum revenues decline. Of course neither the author nor the sponsoring utilities are advocating the particular sets of policies reflected in the FISCAL SCENARIOS.

ECONOMIC PROJECTIONS FOR ALASKA AND THE SOUTHERN RAILBELT 2000-2025

ECONOMIC SCENARIO ASSUMPTIONS

ECONOMIC PROJECTIONS FOR ALASKA
AND THE SOUTHERN RAILBELT
2000-2025

ECONOMIC SCENARIO ASSUMPTIONS

	BASE CASE (CEO1B)	LOW CASE (CEO1L)	HIGH CASE (CEO1H)
A. BASIC INDUSTRY ASSUMPTIONS			
A.1. Petroleum			
1. Trans-Alaska Pipeline	Operating and construction-related employment remains constant (TAP.S01M)	Same as base	Same as base
2. North Slope Petroleum Development and Production (including NPRA and near shore OCS)	Employment remains constant as marginal fields, requiring more labor, are brought into production and enhanced recovery methods continue to be applied at Prudhoe Bay (ONS.S01M)	Employment declines 1% per year (ONS.S01L)	Employment grows slowly at 1% after 2000 as marginal fields, such as West Sak, requiring more labor, are brought into production and enhanced recovery methods continue to be applied at Prudhoe Bay (ONS.S01H)
3. Frontier Areas OCS	None	None	Petroleum development offshore on federal lands off the North Slope commences after 2010 (OCS.S01H)
4. ANWR	Exploration in ANWR leads to small commercial development in 2005; revenues are $100 million/year (OAW.S01M)	Commercial development in 2010 (OAW.SO1M-5)	Development of a major field in ANWR with production commencing in 2004 results in significant employment (OAW.S01H)
5. Use of North Slope Gas	Commercialization of North Slope gas results in employment of 500 after 2005; revenues are $100 million/year (ONG.S01M)	Commercialization of gas after 2010 (ONG.S01M-5)	The Alaska Highway natural gas pipeline is constructed to send gas to the Lower 48 with a spur to Southcentral Alaska. Con-struction starts in 2004, and gas begins to flow in 2007 (TAG.S01)
6. Cook Inlet Petroleum Production	Employment in exploration, development, and production of oil and gas in the Cook Inlet area increases in the near term and then remains constant. Manufacturing based on natural gas continues at the current level (OCI.S01M)	After an initial increase, employment trends down at 1 percent annually (OCI.SO1L)	After an initial increase, employment trends up 1% annually (OCI.S01H)
7. Oil Industry Headquarters	Employment stable after 2000 (OHQ.S01M)	Employment continues to fall at 1% (OHQ.S01L)	Employment grows at 1% (OHQ.S01H)
8. Gas to Liquids	Construction and 5-year operation of research facility on Kenai Peninsula (GTL.S01M)	Construction and 3-year operation of research facility on Kenai Peninsula (GTL.S01L)	Construction and 8-year operation of research facility on Kenai Peninsula (GTL.S01H)

NOTES: Codes in parentheses indicate ISER names for MAP Model case files, and codes in brackets indicate MAP variable names.
These are the long-run assumptions. Values may differ in the initial forecast years to reflect short-term conditions.

	BASE CASE (CEO1B)	LOW CASE (CEO1L)	HIGH CASE (CEO1H)
A.2. Mining			
9. Beluga Coal Production	None	None	Development of a 3.5 million ton/year mine for export, beginning in 2010, results in employment of 375 (MBC.S99M)
10. Greens Creek Mine	Employment at the Greens Creek Silver Mine on Admiralty Island is constant (MGC.S99M)	Same as base	Same as base
11. Red Dog Mine	Expansion of the Red Dog Lead-Zinc Mine in the Western Brooks Range is completed in 2002 (MRD.S01M)	Same as base	Expansion continues with the opening of new areas through 2010 (MRD.S01H)
12. Matanuska Valley Coal	None	None	A coal mine in the Matanuska-Susitna Valley begins operation in 2015, employing 200 in the extraction and export of coal to Japan (MWH.S99M)
13. Kensington Mine	Coeur Alaska begins production from this mine north of Juneau in 2006. Operations employment is 340 (MKN.S99M)	None	Same as base
14. Fort Knox	Production from this mine near Fairbanks is constant, employing 250 (MFK.S99M)	Same as base	Same as base
15. Fairbanks Gold Mining	Another gold mine in the Fairbanks area opens in 2008, employing 200 (MFG.S01M)	Another gold mine opens in 2013 (MFG.S01M-5)	Same as base
16. Other Mining Activity	Mining employment net of specifically identified projects increases by 3 per-cent annually (MOT.S01M)	Mining employment net of specifically identified projects increases 1 percent annually (MOT.S01L)	Mining employment net of specifically identified projects increases by 5 per-cent annually (MOT.S01H)
A.3. Seafood			
17. Commercial Fish Harvesting	Shore-based employment in fish harvesting constant at 9.085 thousand (SFH.S99M)	Employment in fish harvesting declines 1 percent annually (SFH.S99L)	Same as base
18. Commercial Fish Processing	Employment in processing of fisheries harvest remains constant after opening of new plant in Anchorage (SFP.S99M)	Employment declines 1 percent annually, and Anchorage facility operates at half of capacity (SFP.S01L)	Employment grows in the Southwest and Anchorage at 2 percent through the next decade (SFP.S99H)

	BASE CASE (CEO1B)	LOW CASE (CEO1L)	HIGH CASE (CEO1H)
A.4. Tourism			
19. Tourism	Index of tourist visitor expenditures (measuring visitors, days, and real expenditures per visitor day) increases by 5% through 2005, 3% per year through 2010, and 2%. Tourism-related infrastructure development grows 2% annually (TRN.S99M)	Index of tourist visitor expenditures (measuring visitors, days, and real expenditures per visitor day) increases by 4, 2, and 1 percent per year. Tourism-related infrastructure development grows 3% annually (TRN.S99L)	Index of tourist visitor expenditures (measuring visitors, days, and real expenditures per visitor day) increases by 6, 4, and 3 percent per year. Tourism-related infrastructure development grows 3% annually (TRN.S99H)
A.5. Federal Government			
20. Federal Military Employment	Strength level remains constant (FMI.S01M)	Strength level generally declines 1% annually. Ft. Richardson closed in the next decade (FMI.S01L)	Strength level increases 1% annually until a missile defense system is completed in 2010; then constant (FMI.S01H)
21. Federal Civilian Employment	Employment increases at .25 percent annual rate consistent with the long-term trend since 1960 (FCV.S99M)	Employment declines .25 percent annually (FCV.S99L)	Employment increases at .5 percent annual rate (FCV.S99H)
A.6. International Freight Handling			
22. Air Transport Employment	Employment at Anchorage and Fairbanks International airports associated with international freight handling continues to grow at declining rate through 2010 (AIR.S01M)	Same as base through 2010, then a slow decline of 3 percent (AIR.S01L)	Faster growth in Anchorage than base case, reflecting additional warehousing, assembly, and other activities (AIR.S01H)
A.7. Forest Products			
23. Logging and Sawmills	Growth at 1 percent in all regions that currently have logging (FML.S99M)	Southeast employment declines 1% annually, and there is no replacement of Sitka mill jobs. No growth in Southcentral (FML.S99L)	Same as base except Southeast employment increases 2 percent annually starting in 2001 (FML.S99H)
24. Timber Manufacture	Modest levels of wood products-related manufacturing develop in Sitka and Ketchikan (FMP.S99M)	A very small wood products industry remains in Ketchikan (FMP.S99L)	Alternative manufacturing develops in Sitka and Ketchikan, reaching 300 in 2006 (FMP.S99H)

	BASE CASE (CEO1B)	LOW CASE (CEO1L)	HIGH CASE (CEO1H)
A.8. Agriculture			
25. Agriculture	Employment in agriculture, primarily for local markets, increases 2% annually (AGR.S99M)	Same as base	Same as base
A.9. Miscellaneous			
26. Electric Projects	Northern intertie commences in 2001; Southern intertie construction commences in 2005 (HCC.S01M)	Interties delayed two years (HCC.S01L)	Same as base
27. Federally Funded Construction Employment (excluding the dollars flowing through state budget)	Federally funded construction projects, such as rural safe water project and environmental cleanup activities at military sites, produce 1,500 jobs annually through 2010 and then decline by 5% annually (CON.S99M)	Same as base through 2010, then falling 10% annually (CON.S99L)	1,500 jobs through 2010, then declining at 3% annually (CON.S99H)
28. Module Construction	Module construction associated with North Slope development generates 500 jobs annually (MOD.S01M)	Same as base	Same as base
B. FISCAL ASSUMPTIONS			
B.1. Revenues			
1. Oil price Average Lower 48 North Slope Crude (2000 $)	Gradually falling to $17.30 (DOR Spring 2001 projection); then increasing at inflation rate (DOR.S01M)	Gradually settling at $13.00 (DOR.S01L)	Gradually settling at $25.00 (DOR.S01H)
2. Oil Production Decline Rate	DOR Fall 2000 to 2010; then 3 percent	DOR Fall 2000 to 2010; then 6 percent	DOR Fall 2000 to 2010; then 2 percent
3. State Revenue Yield per Barrel	Based on AK Dept. of Revenue Fall 2000 Revenue Sources	Same as base	Same as base
4. Severance Taxes [RPTS]	DOR Spring 2001 through 2006, then calculate from price x production x yield	DOR Spring 2001 through 2004, then calculate from price x production x yield	DOR Spring 2001 through 2002, then calculate from price x production x yield
5. Royalties [RPRY]	Calculate from price x production x yield	Calculate from price x production x yield	Calculate from price x production x yield
6. Bonuses [RPBS]	DOR Fall 2000 (DOR.S01M)	Same as base	Same as base
7. Property Taxes [RPPS]	DOR Spring 2001	Same as base	Same as base
8. Petroleum Corporate Income Tax [RTCSPX]	DOR Spring 2001 through 2010, then declining	DOR through 2004 then declining	Same as base

	BASE CASE (CEO1B)	LOW CASE (CEO1L)	HIGH CASE (CEO1H)
9. Petroleum Rents [RPEN]	$15 million initially, growing with inflation (DOR.S01M)	Same as base	Same as base
10. Miscellaneous Petroleum Settlement Revenues [RP9X]	Alaska receives $100 million in 2002 and 2003 in settlement of lawsuits and tax disputes regarding the valuation of North Slope oil. Annual amount then drops to $50 million. These revenues are allocated to the Constitutional Budget Reserve (WIN.S01M)	Same as base	Same as base
11. ANWR Revenues	State shares 50% of royalties and collects other taxes totaling $100 million	Same as base	State shares 50% of royalties and collects other taxes totaling $200 annually
12. Gas Commer-cialization Revenues	$100 million annually	Same as base	$400 million annually
13. Federal-State Petroleum-Related Shared Revenues [RSFDNPX]	$10 million, growing with inflation	Same as base	Same as base
14. Personal Income Tax [EXPIT]	Income tax is reimposed only after Constitutional Budget Reserve falls below $1 billion and Permanent Fund earnings not dedicated to the Dividend have been appropriated to General Fund	Same as base	Same as base
15. Large Project Corporate Income Taxes [RTCSX]	Zero	Same as base	Same as base
16. Miscellaneous Local Revenue Sources [RLTX], [RLPTX], [RLTFPX]	Miscellaneous state-local transfers, large project property taxes, new petroleum-related federal transfers all set to zero	Same as base	Same as base
17. New Federal-State Shared Revenues [RSFDNX]	Zero	Same as base	Same as base
18. Agency Transfers (AHFC, AIDEA) [RMISX]	$100 million (increasing with inflation) contributed to general fund annually	$75 million annual contribution	$125 million annual contribution

	BASE CASE (CEO1B)	LOW CASE (CEO1L)	HIGH CASE (CEO1H)
B.2. State Appropriations			
19. General Fund Appropriations [EXEL1] [EXEL2]	Growth at inflation rate plus half rate of population growth, unless constrained by lack of revenues	Growth at inflation rate	Growth at inflation rate plus population growth rate
20. Capital/ Operations Split [EXSPLITX]	90% operations; 10% capital	Same as base	Same as base
21. General Obligation Bonds	Bond sales for capital expenditures (EXCPSGOB) occur at a rate which maintains annual debt service payments at a level no more than 5% of current state revenues	Same as base	Same as base
22. Federal Grants-in-Aid to State Government (Capital and Operating) [FEDEX]	After real increases through 2005, growth at 1.5 times inflation rate plus real per capita income growth	Growth rate at 1.25 times inflation rate	Same as base, except growth after 2005 at inflation rate plus population
23. State Loan Programs [EXKTR1X] [EXLOAN2] [EXCPSR1]	AHFC, AIDEA, and other programs function on existing capitalization	Same as base	Same as base
24. Municipal Capital Grants [RLTMCAP]	None	None	None
25. State-Local Revenue Sharing (RLTRS)	Gradual phase-out	Same as base	Same as base
26. State-Local Municipal Assistance (RLTMA)	Gradual phase-out	Same as base	Same as base
27. Permanent Fund/Other Special Appropriations in Excess of Spending Limit [EXPFCONX] [EXGFOPSX] [EXSPCAP]	None	None	None

	BASE CASE (CEO1B)	LOW CASE (CEO1L)	HIGH CASE (CEO1H)
B.3. Permanent Fund and Constitutional Budget Reserve			
28. Permanent Fund Principal [EXPF1]	Deposits from petroleum revenues continue at 25% of royalties	Same as base	Same as base
29. Permanent Fund Total Real Rate of Return [ROR+RORPPF	5 percent	4 percent	6 percent
30. Permanent Fund Earnings [EXPFTOGF]	After inflation proofing and payment of Dividend, remainder accrues in earnings reserve. When general fund requires additional revenues, earnings reserve used. When earnings reserve insufficient (and after income tax imposed), Dividend reduced and funds used to support general fund	Same as base	Same as base
31. Permanent Fund Dividend	Dividend maintained based on current formula until required to support state public services; then reduced as necessary to balance budget	Same as base	Same as base
32. Constitutional Budget Reserve Real Rate of Return	3 percent	2 percent	4 percent
B.4. Miscellaneous			
33. State-Local Wage Rates [EXWR]	Real wage reduced 5 percent over 5 years from 2000	Same as base	Real wage reduced 5 percent over 8 years
34. Local Property Tax Rates [RLPTRATE]	Increase 20 percent between 2000 and 2010	Same as base	Same as base
35. Federal Cost-of-Living Adjustment Added to Federal Wages and Salaries [PCOLART]	Declines from 25 to 15% over the period 2010 to 2015 –2% annually	Declines to 10% over same period	Declines to 20% over same period
C. NATIONAL VARIABLE ASSUMPTIONS			
1. U.S. Inflation Rate [GRUSCPI]	3 percent	2.5 percent	3.5 percent
2. U.S. Real Average Weekly Earnings [GRRWEUS]	Growth in real average weekly earnings averages 0% annually	Growth in real average weekly earnings averages –.2% annually	Growth in real average weekly earnings averages .2% annually
3. U.S. Real Per Capita Income [GRDIRPU]	Growth in real per capita income averages 1% annually in excess of real average weekly earnings	.8 percent	1.2 percent
	BASE CASE	**LOW CASE**	**HIGH CASE**

	(CEO1B)	(CEO1L)	(CEO1H)
4. U.S. Unemployment Rate [UUS]	Long-run rate averages 5.5 percent	Long-run rate averages 5 percent	Long-run rate averages 6 percent
D. PERSONAL INCOME			
1. Exxon Valdez Settlement [PITRANX]	Alaska residents receive $1 billion in settlements between 2004 and 2009	$500 million distributed over the same period	$1.5 billion distributed over the same period
2. Dividends – Interest – Rental Income [PGRDIR]	Growth at 1.25 times rate of income	1.2 times growth rate of income	1.3 times growth rate of income
E. POPULATION			
1. Birth Rates	Historical rates	Historical rates	Historical rates
2. Migration	Historical rates	Outmigration of 65+ population 10% higher than base	Outmigration of 65+ population 10% lower than base
F. REGIONAL ASSUMPTIONS			
1. Population	Regional population growth allocated on the basis of existing population and employment growth except for increasing share of Greater Anchorage population growth allocated to Mat-Su Borough	Same as base	Same as base
2. Employment	No significant shifts in the location of support industries except for increasing share of Greater Anchorage support activity to Mat-Su Borough	Same as base	Same as base

ECONOMIC PROJECTIONS FOR ALASKA AND THE SOUTHERN RAILBELT 2000-2025

STATEWIDE ECONOMIC PROJECTIONS

BASE CASE

TABLE 1. PROJECTION SUMMARY

2001 BASE CASE

	POPULATION (000)	HOUSEHOLDS (000)	TOTAL EMPLOYMENT (000)	WAGE AND SALARY EMPLOYMENT (000)	PERSONAL INCOME (MILL 00$)	PETROLEUM REVENUES (MILL 00$)
2000	627.2	227.9	328.3	281.1	$18,658	$2,333
2001	635.7	231.3	335.7	287.9	$19,349	$2,115
2002	647.3	235.8	341.7	293.4	$19,197	$1,643
2003	657.7	239.8	345.3	296.6	$19,330	$1,476
2004	666.0	243.2	347.3	298.4	$19,514	$1,229
2005	670.1	245.1	346.7	297.9	$19,447	$1,218
2006	675.7	247.5	349.3	300.3	$19,588	$1,077
2007	681.0	249.7	350.4	301.2	$19,633	$1,024
2008	686.9	252.1	351.8	302.5	$19,701	$956
2009	692.9	254.3	352.7	303.3	$19,681	$950
2010	700.1	256.7	354.6	305.1	$19,714	$888
2011	708.4	259.2	357.0	307.2	$19,850	$855
2012	717.9	261.9	359.7	309.7	$20,010	$823
2013	729.2	265.3	363.8	313.4	$20,323	$793
2014	741.7	269.2	368.0	317.2	$20,655	$763
2015	754.5	273.6	372.0	320.9	$20,991	$734
2016	767.5	278.4	376.4	324.8	$21,344	$710
2017	781.0	283.8	381.1	329.1	$21,728	$686
2018	795.4	289.9	386.5	334.0	$22,164	$664
2019	810.7	296.5	392.3	339.3	$22,552	$642
2020	826.8	303.7	398.4	344.7	$23,066	$621
2021	842.8	310.9	403.7	349.6	$23,558	$603
2022	859.0	318.1	409.6	354.9	$24,060	$584
2023	875.3	325.0	415.9	360.5	$24,558	$568
2024	890.7	331.4	422.1	366.2	$25,024	$549
2025	903.7	336.9	427.1	370.6	$25,408	$534
2026	0.0	0.0	0.0	0.0	$0	$0
2027	0.0	0.0	0.0	0.0	$0	$0
2028	0.0	0.0	0.0	0.0	$0	$0
2029	0.0	0.0	0.0	0.0	$0	$0
2030	0.0	0.0	0.0	0.0	$0	$0
2031	0.0	0.0	0.0	0.0	$0	$0
2032	0.0	0.0	0.0	0.0	$0	$0
2033	0.0	0.0	0.0	0.0	$0	$0
2034	0.0	0.0	0.0	0.0	$0	$0

ANNUAL AVERAGE GROWTH RATE

2000-2010	1.11%	1.19%	0.78%	0.82%	0.55%	-9.21%
2010-2025	1.72%	1.83%	1.25%	1.31%	1.71%	-3.33%
2000-2025	1.47%	1.57%	1.06%	1.11%	1.24%	-5.73%
2025-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%
2000-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%

MAP MODEL SIMULATION		CEA01B
PREPARED FOR		CHUGACH ELECTRIC ASSOCIATION
CREATED		2001
POPULATION	POP	JULY 1 CENSUS DEFINITION
HOUSEHOLDS	HH	JULY 1 CENSUS DEFINITION
TOTAL EMPLOYMENT	EM99	INCLUDES ACTIVE DUTY MILITARY AND PROPRIETORS (OLD DEFINITION)
WAGE & SALARY EM	EM97	ALASKA DEPT OF LABOR DEFINITION
PERSONAL INCOME	DF.PIB	USDC BEA DEFINITION
PETROLEUM REVENUES	DF.RP9S	INCLUDES PERMANENT FUND CONTRIBUTION AND WINDFALLS

TABLE 2. EMPLOYMENT BY SECTOR (000)

2001 BASE CASE

	TOTAL	BASIC	INFRA-STRUCTURE	SUPPORT	STATE/ LOCAL GOVT	TOTAL ANNUAL % GROWTH
2000	328.3	89.7	41.4	142.2	55.0	2.4%
2001	335.7	91.0	43.0	145.7	56.0	2.3%
2002	341.7	91.9	43.7	150.0	56.2	1.8%
2003	345.3	92.7	43.9	151.9	56.9	1.1%
2004	347.3	94.3	42.8	151.9	58.2	0.6%
2005	346.7	95.8	42.5	151.5	57.0	-0.2%
2006	349.3	96.6	42.8	152.2	57.7	0.8%
2007	350.4	96.5	43.0	152.6	58.3	0.3%
2008	351.8	97.1	43.3	153.1	58.3	0.4%
2009	352.7	97.8	43.4	153.3	58.2	0.3%
2010	354.6	98.6	43.6	153.7	58.8	0.6%
2011	357.0	99.0	44.0	154.7	59.3	0.7%
2012	359.7	99.5	44.4	156.0	59.9	0.8%
2013	363.8	99.9	45.2	158.1	60.6	1.1%
2014	368.0	100.4	46.3	160.5	60.8	1.1%
2015	372.0	100.9	47.1	163.0	61.1	1.1%
2016	376.4	101.4	47.4	165.6	62.0	1.2%
2017	381.1	101.8	47.8	168.5	62.9	1.3%
2018	386.5	102.4	48.7	171.7	63.8	1.4%
2019	392.3	102.9	49.8	174.9	64.7	1.5%
2020	398.4	103.4	51.3	178.7	65.0	1.5%
2021	403.7	103.9	52.0	182.3	65.4	1.3%
2022	409.6	104.5	52.4	186.1	66.6	1.5%
2023	415.9	105.0	53.2	189.9	67.7	1.5%
2024	422.1	105.6	54.1	193.6	68.8	1.5%
2025	427.1	106.2	54.9	196.8	69.3	1.2%
2026	0.0	0.0	0.0	0.0	0.0	0.0%
2027	0.0	0.0	0.0	0.0	0.0	0.0%
2028	0.0	0.0	0.0	0.0	0.0	0.0%
2029	0.0	0.0	0.0	0.0	0.0	0.0%
2030	0.0	0.0	0.0	0.0	0.0	0.0%
2031	0.0	0.0	0.0	0.0	0.0	0.0%
2032	0.0	0.0	0.0	0.0	0.0	0.0%
2033	0.0	0.0	0.0	0.0	0.0	0.0%
2034	0.0	0.0	0.0	0.0	0.0	0.0%

ANNUAL AVERAGE GROWTH RATE

2000-2010	0.78%	0.95%	0.52%	0.79%	0.66%
2010-2025	1.25%	0.50%	1.55%	1.66%	1.10%
2000-2025	1.06%	0.68%	1.13%	1.31%	0.93%
2025-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%
2000-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%

MAP MODEL SIMULATION CEA01B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED 2001

TOTAL EMPLOYMENT	EM99	WAGE AND SALARY, PROPRIETORS, & ACTIVE DUTY MILITARY
BASIC	EM9BASE	BASIC CONSTRUCTION, MANUFACTURING,TRANSPORTATION, MINING, OIL, TOURISM, FEDERAL GOVT, AGRICULTURE, FORESTRY, & FISH HARVESTING
INFRASTRUCTURE	EM9INFR	NON-BASIC TRANSPORTATION, COMMUNICATIONS, PUBLIC UTILITIES, NON-BASIC CONSTRUCTION & BUSINESS SERVICES
SUPPORT	EM9SUPRT	NON BASIC TRADE AND SERVICES, FINANCE, LOCAL MANUFACTURING, AND PROPRIETORS NOT INVOLVED IN FISH HARVESTING
STATE & LOCAL	EMGA	STATE AND LOCAL GOVERNMENT

TABLE 3. BASIC INDUSTRY EMPLOYMENT (000)

2001 BASE CASE

	OIL AND GAS	MINING	SEAFOOD	TIMBER	AIR CARGO	TOURISM	MILITARY
2000	8.665	1.450	18.012	1.650	2.100	16.514	18.684
2001	8.850	1.512	18.112	1.666	2.200	17.197	18.684
2002	9.050	1.599	18.112	1.692	2.300	17.907	18.684
2003	9.200	1.612	18.112	1.718	2.400	18.647	18.684
2004	9.350	1.650	18.112	1.745	2.500	19.418	18.684
2005	9.450	1.714	18.112	1.772	2.600	20.221	18.684
2006	9.450	2.018	18.112	1.798	2.700	20.723	18.684
2007	9.350	2.082	18.112	1.825	2.800	21.238	18.684
2008	9.350	2.197	18.112	1.853	2.900	21.765	18.684
2009	9.350	2.212	18.112	1.880	3.000	22.306	18.684
2010	9.350	2.228	18.112	1.907	3.000	22.860	18.684
2011	9.350	2.244	18.112	1.935	3.000	23.238	18.684
2012	9.350	2.260	18.112	1.953	3.000	23.624	18.684
2013	9.350	2.277	18.112	1.971	3.000	24.015	18.684
2014	9.350	2.295	18.112	1.989	3.000	24.413	18.684
2015	9.350	2.313	18.112	2.008	3.000	24.818	18.684
2016	9.350	2.332	18.112	2.026	3.000	25.229	18.684
2017	9.350	2.351	18.112	2.045	3.000	25.647	18.684
2018	9.350	2.371	18.112	2.064	3.000	26.072	18.684
2019	9.350	2.391	18.112	2.083	3.000	26.504	18.684
2020	9.350	2.412	18.112	2.102	3.000	26.943	18.684
2021	9.350	2.434	18.112	2.122	3.000	27.390	18.684
2022	9.350	2.456	18.112	2.142	3.000	27.844	18.684
2023	9.350	2.479	18.112	2.161	3.000	28.305	18.684
2024	9.350	2.503	18.112	2.182	3.000	28.774	18.684
2025	9.350	2.528	18.112	2.202	3.000	29.251	18.684
2026	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2027	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2028	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2029	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2030	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2031	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2032	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2033	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2034	0.000	0.000	0.000	0.000	0.000	0.000	0.000

ANNUAL AVERAGE GROWTH RATE

2000-2010	0.76%	4.39%	0.06%	1.46%	3.63%	3.30%	0.00%
2010-2025	0.00%	0.85%	0.00%	0.96%	0.00%	1.66%	0.00%
2000-2025	0.30%	2.25%	0.02%	1.16%	1.44%	2.31%	0.00%
2025-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%
2000-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%

MAP MODEL SIMULATION		CEA01B
PREPARED FOR		CHUGACH ELECTRIC ASSOCIATION
CREATED		2001
OIL AND GAS	EMBASEOIL	PRODUCTION AND TRANSPORTATION
MINING	EMPMINE	WAGE AND SALARY EMPLOYMENT ONLY
SEAFOOD	EMBASEFISH	HARVESTING AND PROCESSING
TIMBER	EMBASETIMBER	HARVESTING, PROCESSING, AND PULP MANUFACTURING
AIR CARGO	EMT9XAIR	EMPLOYMENT DEPENDENT ON INTERNATIONAL CARGO
TOURISM	EMTOUR	PORTIONS OF TRADE, SERVICES, AND TRANSPORTATION
MILITARY	EMGM	ACTIVE DUTY MILITARY
FEDERAL CIVILIAN	EMGC	SEE TABLE 5

TABLE 4. PRIVATE EMPLOYMENT (000)

2001 BASE CASE

	TOTAL PRIVATE	AGRICULTURE FORESTRY FISHERIES	MINING & PETROLEUM	CONSTRUC-TION	MANUFAC-TURING	TRANSPORT COMMUN. PUB. UTILITY	OTHER
2000	237.6	10.7	9.4	15.0	14.0	27.0	161.5
2001	244.0	10.8	9.6	15.7	14.2	27.8	166.0
2002	249.9	10.8	9.9	16.3	14.2	28.0	170.7
2003	252.8	10.8	10.1	16.0	14.2	28.3	173.4
2004	253.4	10.8	10.3	15.8	14.2	28.4	173.8
2005	254.0	10.8	10.5	15.7	14.2	28.7	174.0
2006	255.9	10.9	10.8	15.7	14.3	29.0	175.2
2007	256.3	10.9	10.8	15.1	14.3	29.3	176.0
2008	257.7	10.9	10.9	14.9	14.3	29.6	177.0
2009	258.6	10.9	10.9	15.0	14.4	29.8	177.6
2010	260.0	11.0	10.9	15.0	14.4	30.1	178.5
2011	261.7	11.0	10.9	15.1	14.4	30.4	179.9
2012	263.8	11.0	11.0	15.2	14.5	30.7	181.5
2013	267.2	11.0	11.0	15.5	14.5	31.1	184.1
2014	271.1	11.1	11.0	16.0	14.5	31.5	187.0
2015	274.8	11.1	11.0	16.2	14.6	32.0	189.9
2016	278.2	11.1	11.0	15.9	14.6	32.4	193.1
2017	282.0	11.1	11.1	15.8	14.6	32.9	196.5
2018	286.5	11.2	11.1	15.9	14.7	33.5	200.2
2019	291.3	11.2	11.1	16.4	14.7	34.0	203.9
2020	297.0	11.2	11.1	17.0	14.8	34.6	208.3
2021	301.9	11.2	11.1	17.0	14.8	35.2	212.5
2022	306.6	11.3	11.2	16.6	14.9	35.8	216.9
2023	311.7	11.3	11.2	16.6	14.9	36.4	221.3
2024	316.8	11.3	11.2	16.8	15.0	37.0	225.6
2025	321.2	11.4	11.2	16.9	15.0	37.5	229.3
2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
2027	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
2029	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
2030	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
2031	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
2032	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
2033	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
2034	0.0	0.0	0.0	0.0	0.0	0.0	0.0%

ANNUAL AVERAGE GROWTH RATE

2000-2010	0.90%	0.19%	1.57%	0.05%	0.28%	1.12%	1.00%
2010-2025	1.42%	0.24%	0.18%	0.78%	0.28%	1.46%	1.68%
2000-2025	1.21%	0.22%	0.73%	0.49%	0.28%	1.32%	1.41%
2025-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%
2000-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%

MAP MODEL SIMULATION CEA01B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED 2001

PRIVATE	EMPVT	ALL NON-GOVERNMENT EMPLOYMENT INCLUDING PROPRIETORS
AG, FOR, FISHERIES	EMAFF	DOL AG, FOR, FISHERIES PLUS PROPRIETORS IN FISH HARVESTING
MINING AND PETROL	EMP9	DOL MINING (INCLUDES PETROLEUM PRODUCTION)
CONSTRUCTION	EMCN	DOL CONSTRUCTION
MANUFACTURING	EMM9	DOL MANUFACTURING
TRANS, COMM, PUB UT	EMTCU	DOL TRANS, COMM, PUB, UT
OTHER	EMSUP	DOL TRADE, FINANCES, AND SERVICES PLUS PROPRIETORS NET FISH HARVESTING

TABLE 5. GOVERNMENT EMPLOYMENT (000)

2001 BASE CASE

	TOTAL GOVT	ACTIVE DUTY MILITARY	FEDERAL CIVILIAN	STATE GOVT	LOCAL GOVT
2000	90.682	18.684	17.000	21.789	33.210
2001	91.684	18.684	17.043	21.892	34.066
2002	91.785	18.684	16.885	21.889	34.327
2003	92.492	18.684	16.927	22.083	34.797
2004	93.891	18.684	16.970	22.446	35.792
2005	92.691	18.684	17.012	22.052	34.943
2006	93.459	18.684	17.055	22.386	35.334
2007	94.046	18.684	17.097	22.532	35.732
2008	94.090	18.684	17.140	22.699	35.567
2009	94.095	18.684	17.183	22.888	35.341
2010	94.660	18.684	17.226	23.091	35.660
2011	95.237	18.684	17.269	23.317	35.967
2012	95.870	18.684	17.312	23.566	36.308
2013	96.612	18.684	17.355	23.843	36.730
2014	96.846	18.684	17.399	24.147	36.616
2015	97.209	18.684	17.442	24.468	36.615
2016	98.174	18.684	17.486	24.761	37.244
2017	99.093	18.684	17.529	25.026	37.853
2018	100.028	18.684	17.573	25.304	38.467
2019	100.993	18.684	17.617	25.596	39.095
2020	101.366	18.684	17.661	25.902	39.118
2021	101.832	18.684	17.705	26.217	39.226
2022	102.991	18.684	17.750	26.535	40.022
2023	104.164	18.684	17.794	26.857	40.829
2024	105.314	18.684	17.839	27.178	41.614
2025	105.826	18.684	17.883	27.481	41.778
2026	0.000	0.000	0.000	0.000	0.000
2027	0.000	0.000	0.000	0.000	0.000
2028	0.000	0.000	0.000	0.000	0.000
2029	0.000	0.000	0.000	0.000	0.000
2030	0.000	0.000	0.000	0.000	0.000
2031	0.000	0.000	0.000	0.000	0.000
2032	0.000	0.000	0.000	0.000	0.000
2033	0.000	0.000	0.000	0.000	0.000
2034	0.000	0.000	0.000	0.000	0.000

ANNUAL AVERAGE GROWTH RATE

2000-2010	0.43%	0.00%	0.13%	0.58%	0.71%
2010-2025	0.75%	0.00%	0.25%	1.17%	1.06%
2000-2025	0.62%	0.00%	0.20%	0.93%	0.92%
2025-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%
2000-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%

MAP MODEL SIMULATION CEA01B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED 2001

TOTAL	EMG9	TOTAL
MILITARY	EMGM	ACTIVE DUTY MILITARY
FEDERAL CIVILIAN	EMGC	FEDERAL CIVILIAN
STATE	EMGS	STATE (INCLUDES UNIVERSITY OF ALASKA)
LOCAL	EMGL	LOCAL

TABLE 6. POPULATION CHANGE (000)

2001 BASE CASE

	POPULATION	TOTAL ANNUAL CHANGE	NATURAL INCREASE	NON-MILITARY MIGRATION	MILITARY MIGRATION
2000	627.216	5.216	7.510	-1.477	0.726
2001	635.668	8.452	7.952	1.317	-0.818
2002	647.308	11.640	8.514	3.943	-0.818
2003	657.693	10.385	9.165	2.037	-0.818
2004	666.000	8.307	9.737	-0.613	-0.818
2005	670.136	4.135	10.187	-5.234	-0.818
2006	675.698	5.562	10.436	-4.058	-0.818
2007	681.028	5.330	10.669	-4.522	-0.818
2008	686.934	5.906	10.829	-4.106	-0.818
2009	692.936	6.002	10.945	-4.127	-0.818
2010	700.090	7.154	11.010	-3.039	-0.818
2011	708.446	8.356	11.066	-1.893	-0.818
2012	717.891	9.445	11.123	-0.862	-0.818
2013	729.216	11.325	11.186	0.956	-0.818
2014	741.686	12.470	11.290	1.996	-0.818
2015	754.482	12.795	11.421	2.191	-0.818
2016	767.510	13.028	11.555	2.290	-0.818
2017	780.983	13.474	11.689	2.601	-0.818
2018	795.396	14.413	11.826	3.403	-0.818
2019	810.683	15.287	11.973	4.130	-0.818
2020	826.779	16.095	12.123	4.789	-0.818
2021	842.790	16.012	12.274	4.554	-0.818
2022	859.031	16.241	12.419	4.638	-0.818
2023	875.290	16.259	12.610	4.465	-0.818
2024	890.680	15.390	12.878	3.328	-0.818
2025	903.671	12.991	13.196	0.611	-0.818
2026	0.000	0.000	0.000	0.000	0.000
2027	0.000	0.000	0.000	0.000	0.000
2028	0.000	0.000	0.000	0.000	0.000
2029	0.000	0.000	0.000	0.000	0.000
2030	0.000	0.000	0.000	0.000	0.000
2031	0.000	0.000	0.000	0.000	0.000
2032	0.000	0.000	0.000	0.000	0.000
2033	0.000	0.000	0.000	0.000	0.000
2034	0.000	0.000	0.000	0.000	0.000
ANNUAL AVERAGE GROWTH RATE					
2000-2010	1.11%	3.21%	3.90%	7.48%	ERR
2010-2025	1.72%	4.06%	1.21%	ERR	0.00%
2000-2025	1.47%	3.72%	2.28%	ERR	ERR
2025-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%
2000-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%

MAP MODEL SIMULATION	CEA01B
PREPARED FOR	CHUGACH ELECTRIC ASSOCIATION
CREATED	2001

POPULATION	POP	JULY 1 CENSUS DEFINITION
ANNUAL CHANGE	DELPOP	YEAR TO YEAR CHANGE IN JULY 1 POPULATION
NATURAL INCREASE	POPNI9	CIVILIAN NON-NATIVE PLUS NATIVE PLUS MILITARY
NON-MIL MIGRATION	POPMIG	MIGRATION NET MILITARY MIGRATION
MILITARY MIGRATION	POPMIGM	INCLUDES ACTIVE DUTY MILITARY AND DEPENDENTS

TABLE 7. POPULATION COMPONENTS (000)

2001 BASE CASE

	TOTAL POPULATION	CIVILIAN NON-NATIVE	NATIVE	MILITARY
2000	627.216	474.126	107.301	45.789
2001	635.668	479.952	109.926	45.789
2002	647.308	488.888	112.631	45.789
2003	657.693	496.491	115.413	45.789
2004	666.000	501.938	118.273	45.789
2005	670.136	503.138	121.209	45.789
2006	675.698	505.691	124.218	45.789
2007	681.028	507.941	127.298	45.789
2008	686.934	510.695	130.449	45.789
2009	692.936	513.476	133.670	45.789
2010	700.090	517.338	136.962	45.789
2011	708.446	522.331	140.327	45.789
2012	717.891	528.337	143.765	45.789
2013	729.216	536.146	147.281	45.789
2014	741.686	545.019	150.878	45.789
2015	754.482	554.132	154.561	45.789
2016	767.510	563.387	158.334	45.789
2017	780.983	572.993	162.201	45.789
2018	795.396	583.438	166.169	45.789
2019	810.683	594.652	170.242	45.789
2020	826.779	606.564	174.425	45.789
2021	842.790	618.276	178.724	45.789
2022	859.031	630.097	183.145	45.789
2023	875.290	641.809	187.692	45.789
2024	890.680	652.522	192.369	45.789
2025	903.671	660.699	197.183	45.789
2026	0.000	0.000	0.000	0.000
2027	0.000	0.000	0.000	0.000
2028	0.000	0.000	0.000	0.000
2029	0.000	0.000	0.000	0.000
2030	0.000	0.000	0.000	0.000
2031	0.000	0.000	0.000	0.000
2032	0.000	0.000	0.000	0.000
2033	0.000	0.000	0.000	0.000
2034	0.000	0.000	0.000	0.000

ANNUAL AVERAGE GROWTH RATE

2000-2010	1.11%	0.88%	2.47%	0.00%
2010-2025	1.72%	1.64%	2.46%	0.00%
2000-2025	1.47%	1.34%	2.46%	0.00%
2025-2034	-100.00%	-100.00%	-100.00%	-100.00%
2000-2034	-100.00%	-100.00%	-100.00%	-100.00%

MAP MODEL SIMULATION		CEA01B
PREPARED FOR		CHUGACH ELECTRIC ASSOCIATION
CREATED		2001
POPULATION	POP	JULY 1 CENSUS DEFINITION
CIVILIAN NON NATIVE	CNNTOT	TOTAL MINUS NATIVE AND MILITARY
NATIVE	NATTOT	ALASKA DEPT OF LABOR DEFINITION
MILITARY	MILTOT	ACTIVE DUTY PLUS DEPENDENTS

TABLE 8. STATE PETROLEUM REVENUES
(MILL 00$)

2001 BASE CASE

	TOTAL	PROPERTY TAX	CORPORATE INCOME TAX	SEVERANCE TAX	ROYALTY (GF + PF)	RENTS AND BONUSES
2000	$1,885	$45	$163	$703	$974	$0
2001	$2,071	$44	$268	$693	$1,067	$0
2002	$1,548	$41	$189	$498	$821	$0
2003	$1,384	$38	$175	$421	$751	$0
2004	$1,185	$35	$161	$332	$656	$0
2005	$1,176	$31	$148	$358	$639	$0
2006	$1,036	$29	$139	$312	$556	$0
2007	$984	$26	$128	$305	$526	$0
2008	$917	$25	$116	$284	$492	$0
2009	$913	$23	$106	$268	$516	$0
2010	$851	$21	$96	$243	$492	$0
2011	$819	$19	$86	$236	$478	$0
2012	$788	$17	$76	$230	$465	$0
2013	$759	$16	$68	$223	$452	$0
2014	$730	$14	$59	$217	$439	$0
2015	$702	$13	$54	$207	$427	$0
2016	$679	$12	$50	$201	$415	$0
2017	$656	$12	$45	$195	$404	$0
2018	$634	$11	$41	$190	$392	$0
2019	$613	$10	$37	$185	$381	$0
2020	$593	$9	$33	$180	$371	$0
2021	$576	$9	$33	$175	$360	$0
2022	$558	$8	$29	$170	$350	$0
2023	$542	$8	$28	$165	$341	$0
2024	$524	$8	$25	$160	$331	$0
2025	$510	$8	$24	$156	$322	$0
2026	$0	$0	$0	$0	$0	$0
2027	$0	$0	$0	$0	$0	$0
2028	$0	$0	$0	$0	$0	$0
2029	$0	$0	$0	$0	$0	$0
2030	$0	$0	$0	$0	$0	$0
2031	$0	$0	$0	$0	$0	$0
2032	$0	$0	$0	$0	$0	$0
2033	$0	$0	$0	$0	$0	$0
2034	$0	$0	$0	$0	$0	$0

ANNUAL AVERAGE GROWTH RATE

2000-2010	-7.64%	-7.53%	-5.20%	-10.08%	-6.59%	ERR
2010-2025	-3.36%	-6.28%	-8.72%	-2.91%	-2.79%	ERR
2000-2025	-5.09%	-6.78%	-7.33%	-5.84%	-4.33%	ERR
2025-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	ERR
2000-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	ERR

MAP MODEL SIMULATION CEA01B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED 2001

PROPERTY TAX
CORPORATE INCOME TAX
SEVERANCE TAX
ROYALTY
RENTS AND BONUSES

TABLE 9. STATE UNRESTRICTED GENERAL FUND
(MILL 00$)

2001 BASE CASE

	EXPENDI-TURES	TOTAL REVENUES (excludes ER draw)	PETROLEUM	ENDOG-ENOUS	USE OF INVESTMENT INCOME		
					GENERAL FUND	PERMANENT FUND	CONST RESERVE
2000	$2,430	$2,467	$1,641	$354	$58	$0	$414
2001	$2,358	$2,345	$1,804	$367	$58	$0	$116
2002	$2,300	$2,281	$1,343	$371	$56	$0	$511
2003	$2,314	$1,888	$1,196	$368	$54	$169	$101
2004	$2,325	$2,093	$1,021	$644	$52	$276	$101
2005	$2,321	$2,310	$1,016	$863	$50	$283	$98
2006	$2,333	$2,250	$897	$872	$58	$326	$98
2007	$2,341	$2,288	$853	$869	$72	$396	$98
2008	$2,353	$2,310	$794	$863	$82	$472	$98
2009	$2,367	$2,385	$784	$860	$90	$553	$99
2010	$2,383	$2,413	$728	$857	$95	$635	$99
2011	$2,402	$2,475	$699	$856	$100	$721	$99
2012	$2,411	$2,540	$672	$857	$102	$809	$99
2013	$2,431	$2,528	$646	$862	$105	$816	$99
2014	$2,465	$2,519	$620	$869	$108	$822	$100
2015	$2,506	$2,509	$595	$877	$109	$828	$100
2016	$2,544	$2,544	$575	$885	$109	$834	$142
2017	$2,569	$2,569	$555	$895	$106	$839	$174
2018	$2,589	$2,589	$536	$905	$103	$844	$200
2019	$2,620	$2,620	$518	$916	$100	$936	$149
2020	$2,668	$2,668	$500	$928	$98	$942	$200
2021	$2,719	$2,719	$486	$941	$95	$948	$249
2022	$2,760	$2,760	$470	$954	$92	$953	$291
2023	$2,797	$2,797	$457	$967	$90	$958	$325
2024	$2,831	$2,831	$442	$979	$87	$964	$360
2025	$2,860	$2,860	$429	$988	$85	$969	$389
2026	$0	$0	$0	$0	$0	$0	$0
2027	$0	$0	$0	$0	$0	$0	$0
2028	$0	$0	$0	$0	$0	$0	$0
2029	$0	$0	$0	$0	$0	$0	$0
2030	$0	$0	$0	$0	$0	$0	$0
2031	$0	$0	$0	$0	$0	$0	$0
2032	$0	$0	$0	$0	$0	$0	$0
2033	$0	$0	$0	$0	$0	$0	$0
2034	$0	$0	$0	$0	$0	$0	$0
ANNUAL AVERAGE GROWTH RATE							
2000-2010	-0.20%	-0.22%	-7.81%	9.25%	4.98%	ERR	-13.35%
2010-2025	1.22%	1.14%	-3.46%	0.95%	-0.71%	2.86%	9.57%
2000-2025	0.65%	0.59%	-5.22%	4.19%	1.53%	ERR	-0.25%
2025-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%
2000-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	ERR	-100.00%

MAP MODEL SIMULATION		CEA01B
PREPARED FOR		CHUGACH ELECTRIC ASSOCIATION
CREATED		2001
EXPENDITURES	DF.EXGFB	UNRESTRICTED GENERAL FUND
TOTAL REVENUES	DF.RSGFB	UNRESTRICTED GENERAL FUND--EXCLUDING DRAW FROM ER BALANCE
PETROLEUM REV	DF.RP9SG	EXCLUDES STATUTORY PERMANENT FUND CONTRIBUTION & CBR CONTRIBUTION
ENDOGENOUS REV	DF.RSENG	TOTAL NET OF PETROLEUM AND INVESTMENT EARNINGS
GF INVESTMENT EARN	DF.RSIG	GENERAL FUND INVESTMENT EARNINGS
PF INVESTMENT EARN	DF.RSIPG	PERMANENT FUND AND EARNINGS RESERVE EARNINGS TRANSFERRED TO GF
CBR INVESTMENT EARN	DF.CBR	CBR INVESTMENT EARNINGS TRANSFERRED TO GR (PLUS AGENCY TRANSFER)

TABLE 10. STATE GOVERNMENT VARIABLES
(MILL 00$)

2001 BASE CASE

	GENERAL FUND TOTAL	COMPOSITION			ITEM: PERM FUND DIVIDEND APPROP	ITEM: LOCAL GOVT TRANSFERS	ITEM: PERSONAL INCOME TAX
		TOTAL OPERATING	CAPITAL	DEBT SERVICE			
2000	$2,430	$2,160	$240	$30	$1,184	$974	$0
2001	$2,358	$2,101	$233	$23	$1,125	$973	$0
2002	$2,300	$2,044	$227	$29	$1,078	$971	$0
2003	$2,318	$2,044	$227	$47	$989	$985	$0
2004	$2,330	$2,050	$228	$52	$911	$995	$277
2005	$2,330	$2,053	$228	$49	$839	$989	$507
2006	$2,338	$2,062	$229	$48	$775	$1,000	$514
2007	$2,346	$2,070	$230	$46	$685	$1,011	$513
2008	$2,359	$2,083	$231	$45	$594	$1,024	$512
2009	$2,372	$2,096	$233	$44	$505	$1,037	$510
2010	$2,389	$2,112	$235	$42	$419	$1,051	$507
2011	$2,408	$2,130	$237	$41	$334	$1,065	$507
2012	$2,417	$2,151	$239	$27	$251	$1,081	$508
2013	$2,437	$2,176	$242	$20	$252	$1,099	$511
2014	$2,471	$2,203	$245	$24	$253	$1,117	$516
2015	$2,513	$2,231	$248	$35	$255	$1,136	$522
2016	$2,551	$2,259	$251	$42	$256	$1,152	$528
2017	$2,576	$2,288	$254	$34	$258	$1,169	$535
2018	$2,596	$2,318	$258	$20	$260	$1,186	$543
2019	$2,627	$2,351	$261	$15	$174	$1,204	$550
2020	$2,675	$2,385	$265	$25	$175	$1,222	$559
2021	$2,726	$2,419	$269	$39	$177	$1,240	$569
2022	$2,768	$2,453	$273	$43	$178	$1,258	$578
2023	$2,805	$2,486	$276	$42	$179	$1,276	$587
2024	$2,839	$2,518	$280	$41	$180	$1,293	$596
2025	$2,867	$2,545	$283	$40	$181	$1,308	$603
2026	$0	$0	$0	$0	$0	$0	$0
2027	$0	$0	$0	$0	$0	$0	$0
2028	$0	$0	$0	$0	$0	$0	$0
2029	$0	$0	$0	$0	$0	$0	$0
2030	$0	$0	$0	$0	$0	$0	$0
2031	$0	$0	$0	$0	$0	$0	$0
2032	$0	$0	$0	$0	$0	$0	$0
2033	$0	$0	$0	$0	$0	$0	$0
2034	$0	$0	$0	$0	$0	$0	$0

ANNUAL AVERAGE GROWTH RATE

2000-2010	-0.17%	-0.23%	-0.23%	3.36%	-9.87%	0.76%
2010-2025	1.23%	1.25%	1.25%	-0.46%	-5.45%	1.47%
2000-2025	0.66%	0.66%	0.66%	1.05%	-7.24%	1.19%
2025-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%
2000-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%

MAP MODEL SIMULATION		CEA01B
PREPARED FOR		CHUGACH ELECTRIC ASSOCIATION
CREATED		2001
TOTAL	DF.APGF	TOTAL GENERAL FUND APPROPRIATIONS
OPERATING	DF.APGFO	OPERATIONS
CAPITAL	DF.APGFC	CAPITAL
DEBT SERVICE	DF.EXDSS	GENERAL OBLIGATION DEBT OF STATE
PERM FUND DIVIDEND	DF.EXTRN	PERMANENT FUND DIVIDEND ACCOUNT
LOCAL GOVT TRANS	DF.RLT99	LOCAL GOVERNMENT TRANSFERS FROM STATE GENERAL FUND

TABLE 11. PERMANENT FUND
(MILL 00$)

2001 BASE CASE

	STATUTORY NET INCOME	USE OF EARNINGS			FUND ADDITIONS		END OF YEAR FUND BALANCE
		INFLATION PROOFING	GENERAL FUND	DIVIDEND ACCOUNT	PETROLEUM FORMULA BASED	SPECIAL APPRO-PRIATION	
2000	$2,260	$570	$0	$1,184	$311	$0	$20,162
2001	$1,507	$588	$0	$1,125	$267	$0	$20,469
2002	$1,798	$597	$0	$1,078	$205	$0	$20,715
2003	$1,819	$605	$169	$989	$188	$0	$20,944
2004	$1,799	$611	$276	$911	$164	$0	$21,150
2005	$1,719	$598	$283	$839	$160	$0	$20,677
2006	$1,704	$603	$326	$775	$139	$0	$20,856
2007	$1,690	$609	$396	$685	$131	$0	$21,028
2008	$1,679	$614	$472	$594	$123	$0	$21,192
2009	$1,676	$618	$553	$505	$129	$0	$21,362
2010	$1,677	$623	$635	$419	$123	$0	$21,527
2011	$1,684	$628	$721	$334	$120	$0	$21,689
2012	$1,693	$633	$809	$251	$116	$0	$21,847
2013	$1,705	$638	$816	$252	$113	$0	$22,003
2014	$1,718	$642	$822	$253	$110	$0	$22,157
2015	$1,729	$647	$828	$255	$107	$0	$22,307
2016	$1,741	$651	$834	$256	$104	$0	$22,456
2017	$1,752	$655	$839	$258	$101	$0	$22,601
2018	$1,764	$660	$844	$260	$98	$0	$22,744
2019	$1,775	$664	$936	$174	$95	$0	$22,885
2020	$1,785	$668	$942	$175	$93	$0	$23,024
2021	$1,796	$672	$948	$177	$90	$0	$23,160
2022	$1,807	$676	$953	$178	$88	$0	$23,294
2023	$1,817	$680	$958	$179	$85	$0	$23,426
2024	$1,827	$684	$964	$180	$83	$0	$23,556
2025	$1,837	$687	$969	$181	$80	$0	$23,684
2026	$0	$0	$0	$0	$0	$0	$0
2027	$0	$0	$0	$0	$0	$0	$0
2028	$0	$0	$0	$0	$0	$0	$0
2029	$0	$0	$0	$0	$0	$0	$0
2030	$0	$0	$0	$0	$0	$0	$0
2031	$0	$0	$0	$0	$0	$0	$0
2032	$0	$0	$0	$0	$0	$0	$0
2033	$0	$0	$0	$0	$0	$0	$0
2034	$0	$0	$0	$0	$0	$0	$0
ANNUAL AVERAGE GROWTH RATE							
2000-2010	-2.94%	0.90%	ERR	-9.87%	-8.86%	ERR	0.66%
2010-2025	0.61%	0.65%	2.86%	-5.45%	-2.79%	ERR	0.64%
2000-2025	-0.83%	0.75%	ERR	-7.24%	-5.27%	ERR	0.65%
2025-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	ERR	-100.00%
2000-2034	-100.00%	-100.00%	ERR	-100.00%	-100.00%	ERR	-100.00%

MAP MODEL SIMULATION		CEA01B
PREPARED FOR		CHUGACH ELECTRIC ASSOCIATION
CREATED		2001
EARNINGS	DF.RSIP	TOTAL REALIZED EARNINGS
INFLATION PROOFING	DF.RSIPP	EARNINGS APPROPRIATED INTO PERMANENT FUND
GENERAL FUND CONT	DF.RSIPG	EARNINGS APPROPRIATED TO GENERAL FUND
PERM FUND DIVIDEND	DF.EXTRN	EARNINGS APPROPRIATED TO DIVIDEND ACCOUNT
FORMULA-BASED	DF.RP7SP	CONSTITUTIONALLY MANDATED PETROLEUM REVENUES
SPECIAL APPROP	DF.XPFCX	APPROPRIATIONS TO PF FROM GF
FUND BALANCE	DF.BALPF	EXCLUDES EARNINGS RESERVE

TABLE 12. CONSTITUTIONAL BUDGET RESERVE
(MILL 00$)

2001 BASE CASE

	CBR DRAW + AGENCY DIVIDEND	YEAR END CBR BALANCE
2000	$414	$2,741
2001	$116	$2,855
2002	$511	$2,628
2003	$101	$2,802
2004	$101	$2,934
2005	$98	$2,971
2006	$98	$3,105
2007	$98	$3,241
2008	$98	$3,381
2009	$99	$3,524
2010	$99	$3,670
2011	$99	$3,820
2012	$99	$3,974
2013	$99	$4,132
2014	$100	$4,293
2015	$100	$4,459
2016	$142	$4,587
2017	$174	$4,687
2018	$200	$4,763
2019	$149	$4,891
2020	$200	$4,973
2021	$249	$5,006
2022	$291	$4,999
2023	$325	$4,957
2024	$360	$4,878
2025	$389	$4,768
2026	$0	$0
2027	$0	$0
2028	$0	$0
2029	$0	$0
2030	$0	$0
2031	$0	$0
2032	$0	$0
2033	$0	$0
2034	$0	$0

ANNUAL AVERAGE GROWTH RATE

2000-2010	-13.35%	2.96%
2010-2025	9.57%	1.76%
2000-2025	-0.25%	2.24%
2025-2034	-100.00%	-100.00%
2000-2034	-100.00%	-100.00%

MAP MODEL SIMULATION CEA01B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED 2001

CBR DRAW ANNUAL TRANSFER TO GENERAL FUND
CBR BALANCE YEAR END BALANCE

TABLE 13. LOCAL GOVERNMENT REVENUES
(MILL 00$)

2001 BASE CASE

	TOTAL GENERAL REVENUE	INTERGOVERNMENTAL			TAXES: OTHER PROPERTY	TAXES: NON-PROPERTY	CHARGES & MISC (000)
		STATE TRANSFERS	FEDERAL TRANSFERS	PETROLEUM PROPERTY			
2000	$2,678	$974	$130	$220	$433	$160	$760
2001	$2,723	$973	$132	$214	$485	$162	$758
2002	$2,714	$971	$133	$199	$492	$169	$750
2003	$2,770	$985	$135	$184	$555	$168	$743
2004	$2,759	$995	$137	$171	$551	$170	$736
2005	$2,686	$989	$134	$152	$539	$166	$706
2006	$2,693	$1,000	$135	$140	$545	$172	$700
2007	$2,709	$1,011	$137	$129	$564	$174	$694
2008	$2,720	$1,024	$138	$121	$570	$175	$691
2009	$2,722	$1,037	$140	$111	$573	$176	$686
2010	$2,726	$1,051	$142	$100	$576	$176	$681
2011	$2,729	$1,065	$143	$91	$577	$177	$676
2012	$2,742	$1,081	$145	$85	$579	$178	$674
2013	$2,761	$1,099	$147	$79	$584	$180	$672
2014	$2,779	$1,117	$148	$71	$591	$184	$668
2015	$2,807	$1,136	$150	$66	$602	$187	$666
2016	$2,834	$1,152	$152	$61	$614	$191	$664
2017	$2,862	$1,169	$154	$56	$626	$195	$663
2018	$2,892	$1,186	$156	$52	$638	$199	$662
2019	$2,924	$1,204	$157	$48	$652	$204	$660
2020	$2,959	$1,222	$159	$44	$667	$208	$659
2021	$2,997	$1,240	$161	$42	$681	$213	$660
2022	$3,040	$1,258	$163	$41	$699	$219	$660
2023	$3,082	$1,276	$165	$40	$716	$224	$661
2024	$3,124	$1,293	$167	$39	$734	$229	$662
2025	$3,164	$1,308	$169	$38	$752	$235	$662
2026	$0	$0	$0	$0	$0	$0	$0
2027	$0	$0	$0	$0	$0	$0	$0
2028	$0	$0	$0	$0	$0	$0	$0
2029	$0	$0	$0	$0	$0	$0	$0
2030	$0	$0	$0	$0	$0	$0	$0
2031	$0	$0	$0	$0	$0	$0	$0
2032	$0	$0	$0	$0	$0	$0	$0
2033	$0	$0	$0	$0	$0	$0	$0
2034	$0	$0	$0	$0	$0	$0	$0
ANNUAL AVERAGE GROWTH RATE							
2000-2010	0.18%	0.76%	0.84%	-7.53%	2.90%	0.95%	-1.10%
2010-2025	1.00%	1.47%	1.17%	-6.28%	1.79%	1.93%	-0.19%
2000-2025	0.67%	1.19%	1.04%	-6.78%	2.23%	1.54%	-0.55%
2025-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%
2000-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%

MAP MODEL SIMULATION		CEA01B
PREPARED FOR		CHUGACH ELECTRIC ASSOCIATION
CREATED		2001
GENERAL REVENUE	DF.RL99	TOTAL
STATE TRANSFERS	DF.RLT99	TRANSFERS FROM STATE GOVERNMENT
FEDERAL TRANSFERS	DF.RLTF	TRANSFERS DIRECTLY FROM FEDERAL GOVERNMENT
PETROL PROP TAX	DF.RLPTP	LOCAL SHARE OF STATE ADMINISTERED TAX
OTHER PROP TAX	DF.RLPTN	NON-PETROLEUM PROPERTY
OTHER TAXES	DF.RLOT	OTHER TAXES
CHARGES & MISC	DF.RLMC	INCLUDES REVENUES TO SERVICE BONDS

TABLE 14. REAL PERSONAL INCOME
(MILL 00$)

2001 BASE CASE

	WAGE AND SALARY PAYMENTS	NET EARNINGS	RESIDENCE ADJUSTMENT	DIVIDENDS, INTEREST, RENT	TRANSFERS	TOTAL PERSONAL INCOME	DISPOSABLE PERSONAL INCOME
2000	$10,587	$12,831	$796	$3,462	$2,914	$18,658	$16,230
2001	$10,793	$13,055	$812	$3,558	$3,301	$19,349	$16,805
2002	$10,936	$13,210	$827	$3,675	$2,894	$19,197	$16,668
2003	$11,020	$13,298	$841	$3,787	$2,843	$19,330	$16,768
2004	$11,077	$13,353	$865	$3,889	$2,896	$19,514	$16,522
2005	$11,061	$13,316	$863	$3,842	$2,917	$19,447	$16,440
2006	$11,146	$13,403	$866	$3,929	$2,889	$19,588	$16,545
2007	$11,141	$13,393	$837	$4,015	$2,832	$19,633	$16,570
2008	$11,180	$13,430	$840	$4,107	$2,777	$19,701	$16,612
2009	$11,204	$13,449	$842	$4,202	$2,647	$19,681	$16,583
2010	$11,259	$13,504	$846	$4,305	$2,529	$19,714	$16,598
2011	$11,322	$13,569	$851	$4,418	$2,494	$19,850	$16,697
2012	$11,395	$13,645	$857	$4,540	$2,464	$20,010	$16,817
2013	$11,508	$13,767	$866	$4,677	$2,529	$20,323	$17,066
2014	$11,623	$13,892	$875	$4,824	$2,600	$20,655	$17,331
2015	$11,731	$14,009	$883	$4,977	$2,678	$20,991	$17,599
2016	$11,839	$14,127	$892	$5,134	$2,764	$21,344	$17,879
2017	$11,959	$14,260	$902	$5,298	$2,864	$21,728	$18,185
2018	$12,103	$14,419	$913	$5,472	$2,980	$22,164	$18,533
2019	$12,260	$14,594	$926	$5,656	$3,024	$22,552	$18,837
2020	$12,425	$14,778	$940	$5,851	$3,176	$23,066	$19,247
2021	$12,560	$14,928	$951	$6,048	$3,333	$23,558	$19,639
2022	$12,706	$15,092	$962	$6,252	$3,481	$24,060	$20,038
2023	$12,867	$15,275	$976	$6,461	$3,603	$24,558	$20,434
2024	$13,032	$15,460	$989	$6,668	$3,694	$25,024	$20,803
2025	$13,158	$15,601	$999	$6,861	$3,756	$25,408	$21,104
2026	$0	$0	$0	$0	$0	$0	$0
2027	$0	$0	$0	$0	$0	$0	$0
2028	$0	$0	$0	$0	$0	$0	$0
2029	$0	$0	$0	$0	$0	$0	$0
2030	$0	$0	$0	$0	$0	$0	$0
2031	$0	$0	$0	$0	$0	$0	$0
2032	$0	$0	$0	$0	$0	$0	$0
2033	$0	$0	$0	$0	$0	$0	$0
2034	$0	$0	$0	$0	$0	$0	$0

ANNUAL AVERAGE GROWTH RATE

2000-2010	0.62%	0.51%	0.62%	2.20%	-1.41%	0.55%	0.22%
2010-2025	1.46%	1.31%	1.53%	4.67%	1.71%	2.08%	1.77%
2000-2025	0.87%	0.78%	0.92%	2.77%	1.02%	1.24%	1.06%
2025-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%
2000-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%

MAP MODEL SIMULATION CEA01B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED 2001

WAGE AND SALARIES	DF.PIWS	NON-AGRICULTURAL WAGES AND SALARIES PLUS MILITARY
NET EARNINGS	DF.PINE	NET LABOR AND PROPRIETORS INCOME BY PLACE OF WORK
RESIDENCE ADJ	DF.PIRAD	RESIDENCE ADJUSTMENT
DIVIDEND, INTEREST	DF.PIDIR	DIVIDENDS, INTEREST, RENTS
TRANSFERS	DF.PITRAN	TRANSFERS
TOTAL PI	DF.PIB	TOTAL PERSONAL INCOME
DISPOSABLE PI	DF.DPIB	DISPOSABLE PERSONAL INCOME

TABLE 15. PER CAPITA VARIABLES
(2000 $)

2001 BASE CASE

	TOTAL INCOME	DISPOSABLE INCOME	STATE GENERAL FUND EXPENDITURES	LOCAL REVENUES (= EXPEND)	PERMANENT FUND DIVIDEND	AVERAGE CIVILIAN WAGE RATE	PERMANENT FUND BALANCE
2000	$29,747	$25,876	$3,875	$4,269	$1,887	$33,392	$32,145
2001	$30,438	$26,436	$3,709	$4,284	$1,769	$33,323	$32,201
2002	$29,656	$25,750	$3,553	$4,193	$1,665	$33,192	$32,002
2003	$29,391	$25,496	$3,518	$4,212	$1,503	$33,116	$31,845
2004	$29,300	$24,808	$3,492	$4,143	$1,369	$33,113	$31,756
2005	$29,020	$24,532	$3,463	$4,009	$1,252	$33,141	$30,855
2006	$28,990	$24,486	$3,453	$3,986	$1,147	$33,166	$30,866
2007	$28,829	$24,330	$3,437	$3,978	$1,006	$33,059	$30,877
2008	$28,680	$24,183	$3,426	$3,959	$864	$33,056	$30,850
2009	$28,403	$23,931	$3,416	$3,928	$729	$33,052	$30,828
2010	$28,159	$23,708	$3,404	$3,893	$598	$33,047	$30,749
2011	$28,019	$23,569	$3,391	$3,852	$472	$33,032	$30,614
2012	$27,874	$23,426	$3,358	$3,820	$349	$33,012	$30,433
2013	$27,870	$23,403	$3,333	$3,787	$345	$32,986	$30,174
2014	$27,848	$23,367	$3,323	$3,747	$341	$32,962	$29,874
2015	$27,822	$23,326	$3,322	$3,721	$337	$32,924	$29,567
2016	$27,809	$23,295	$3,315	$3,693	$334	$32,866	$29,258
2017	$27,821	$23,284	$3,289	$3,665	$330	$32,811	$28,939
2018	$27,865	$23,300	$3,255	$3,636	$327	$32,762	$28,595
2019	$27,819	$23,236	$3,232	$3,607	$215	$32,728	$28,229
2020	$27,898	$23,280	$3,226	$3,579	$212	$32,692	$27,847
2021	$27,953	$23,302	$3,226	$3,556	$209	$32,631	$27,480
2022	$28,009	$23,327	$3,213	$3,539	$207	$32,562	$27,117
2023	$28,057	$23,345	$3,195	$3,521	$204	$32,506	$26,764
2024	$28,096	$23,357	$3,179	$3,508	$202	$32,460	$26,448
2025	$28,116	$23,354	$3,165	$3,501	$200	$32,420	$26,209
2026	$0	$0	$0	$0	$0	$0	$0
2027	$0	$0	$0	$0	$0	$0	$0
2028	$0	$0	$0	$0	$0	$0	$0
2029	$0	$0	$0	$0	$0	$0	$0
2030	$0	$0	$0	$0	$0	$0	$0
2031	$0	$0	$0	$0	$0	$0	$0
2032	$0	$0	$0	$0	$0	$0	$0
2033	$0	$0	$0	$0	$0	$0	$0
2034	$0	$0	$0	$0	$0	$0	$0

ANNUAL AVERAGE GROWTH RATE

2000-2010	-0.55%	-0.87%	-1.29%	-0.92%	-10.85%	-0.10%	-0.44%
2010-2025	-0.01%	-0.10%	-0.48%	-0.71%	-7.05%	-0.13%	-1.06%
2000-2025	-0.23%	-0.41%	-0.81%	-0.79%	-8.59%	-0.12%	-0.81%
2025-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%
2000-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%

MAP MODEL SIMULATION		CEA01B
PREPARED FOR		CHUGACH ELECTRIC ASSOCIATION
CREATED		2001
TOTAL INCOME	DP.PIB	PER CAPITA PERSONAL INCOME
DISPOSABLE INCOME	DP.DPIB	PER CAPITA DISPOSABLE PERSONAL INCOME
GENERAL FUND EX	DP.EXGFB	PER CAPITA GENERAL FUND EXPENDITURES
PERM FUND DIVIDEND	DP.EXTRN	PER CAPITA DIVIDEND (NOT ALL ALASKANS RECEIVE DIVIDEND)
AVG CIV WAGE RATE	DF.WR97	AVERAGE ANNUAL CIVILIAN WAGE
PERM FUND BALANCE	DP.BALPF	PER CAPITA YEAR END PERMANENT FUND BALANCE

TABLE 16. PRICE INDEXES

2001 BASE CASE

	ANCHORAGE CPI-W (000)	ANCHORAGE/ US AVERAGE PRICE LEVEL	INFLATION RATE ANCH CPI-W
2000	151.1	1.12	2.2%
2001	155.3	1.11	2.8%
2002	159.7	1.11	2.8%
2003	164.1	1.11	2.8%
2004	168.7	1.11	2.8%
2005	179.1	1.14	6.2%
2006	184.1	1.14	2.8%
2007	189.3	1.14	2.8%
2008	194.6	1.13	2.8%
2009	200.1	1.13	2.8%
2010	205.7	1.13	2.8%
2011	211.4	1.13	2.8%
2012	217.3	1.13	2.8%
2013	223.4	1.12	2.8%
2014	229.7	1.12	2.8%
2015	236.1	1.12	2.8%
2016	242.7	1.12	2.8%
2017	249.5	1.12	2.8%
2018	256.4	1.11	2.8%
2019	263.6	1.11	2.8%
2020	271.0	1.11	2.8%
2021	278.5	1.11	2.8%
2022	286.3	1.10	2.8%
2023	294.3	1.10	2.8%
2024	302.5	1.10	2.8%
2025	311.0	1.10	2.8%
2026	0.0	0.00	0.0%
2027	0.0	0.00	0.0%
2028	0.0	0.00	0.0%
2029	0.0	0.00	0.0%
2030	0.0	0.00	0.0%
2031	0.0	0.00	0.0%
2032	0.0	0.00	0.0%
2033	0.0	0.00	0.0%
2034	0.0	0.00	0.0%

ANNUAL AVERAGE GROWTH RATE

2000-2010	3.13%	0.13%	2.29%
2010-2025	2.80%	-0.20%	-0.02%
2000-2025	2.93%	-0.07%	0.90%
2025-2034	-100.00%	-100.00%	-100.00%
2000-2034	-100.00%	-100.00%	-100.00%

MAP MODEL SIMULATION	CEA01B
PREPARED FOR	CHUGACH ELECTRIC ASSOCIATION
CREATED	2001

ANCHORAGE CPI	PDANCPI	CONSUMER PRICE INDEX FOR URBAN WAGE EARNERS CPI-W -- 1982-1984 =100
ANCH/US PRICE LEVEL	PDRATIO	RATIO OF ANCHORAGE TO US AVG. PRICE LEVEL
INFLATION RATE	G.ANCPI	ANNUAL CHANGE IN CPI-W

ECONOMIC PROJECTIONS FOR ALASKA AND THE SOUTHERN RAILBELT 2000-2025

STATEWIDE ECONOMIC PROJECTIONS

HIGH CASE

TABLE 1. PROJECTION SUMMARY

2001 HIGH CASE

	POPULATION (000)	HOUSEHOLDS (000)	TOTAL EMPLOYMENT (000)	WAGE AND SALARY EMPLOYMENT (000)	PERSONAL INCOME (MILL 00$)	PETROLEUM REVENUES (MILL 00$)
2000	627.2	227.9	328.3	281.1	$18,658	$2,333
2001	636.1	231.4	336.2	288.1	$19,370	$2,115
2002	649.6	236.5	343.9	295.0	$19,357	$1,905
2003	664.1	242.0	350.8	301.1	$19,718	$1,707
2004	681.7	248.6	360.8	310.0	$20,326	$1,710
2005	703.1	256.7	371.9	319.8	$21,042	$1,534
2006	734.4	268.2	391.6	337.4	$22,057	$1,365
2007	767.4	280.6	407.4	351.6	$22,895	$1,343
2008	792.6	290.1	415.7	358.8	$23,455	$1,271
2009	806.3	295.5	415.2	358.2	$23,571	$1,567
2010	822.8	301.7	423.1	365.1	$24,004	$1,491
2011	834.0	305.7	423.4	365.1	$24,018	$1,418
2012	847.6	310.5	429.4	370.3	$24,492	$1,393
2013	861.3	315.2	434.4	374.6	$24,926	$1,371
2014	878.5	321.3	443.2	382.3	$25,520	$1,402
2015	895.7	327.6	450.4	388.6	$25,958	$1,374
2016	910.7	333.4	455.1	392.6	$26,298	$1,352
2017	923.8	338.8	458.8	395.7	$26,578	$1,332
2018	938.2	344.9	465.0	401.1	$26,996	$1,310
2019	953.3	351.5	471.8	406.9	$27,447	$1,287
2020	970.3	358.9	480.2	414.2	$28,094	$1,264
2021	988.4	366.8	489.1	422.0	$28,775	$1,245
2022	1006.0	374.6	496.6	428.4	$29,402	$1,228
2023	1023.8	382.4	504.4	435.2	$30,049	$1,211
2024	1043.3	390.6	514.0	443.5	$30,773	$1,194
2025	1063.5	399.1	524.0	452.1	$31,510	$1,173
2026	0.0	0.0	0.0	0.0	$0	$0
2027	0.0	0.0	0.0	0.0	$0	$0
2028	0.0	0.0	0.0	0.0	$0	$0
2029	0.0	0.0	0.0	0.0	$0	$0
2030	0.0	0.0	0.0	0.0	$0	$0
2031	0.0	0.0	0.0	0.0	$0	$0
2032	0.0	0.0	0.0	0.0	$0	$0
2033	0.0	0.0	0.0	0.0	$0	$0
2034	0.0	0.0	0.0	0.0	$0	$0

ANNUAL AVERAGE GROWTH RATE

2000-2010	2.75%	2.84%	2.57%	2.65%	2.55%	-4.38%
2010-2025	1.72%	1.88%	1.44%	1.44%	1.83%	-1.58%
2000-2025	2.13%	2.27%	1.89%	1.92%	2.12%	-2.71%
2025-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%
2000-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%

MAP MODEL SIMULATION CEA01B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED 2001

POPULATION	POP	JULY 1 CENSUS DEFINITION
HOUSEHOLDS	HH	JULY 1 CENSUS DEFINITION
TOTAL EMPLOYMENT	EM99	INCLUDES ACTIVE DUTY MILITARY AND PROPRIETORS (OLD DEFINITION)
WAGE & SALARY EM	EM97	ALASKA DEPT OF LABOR DEFINITION
PERSONAL INCOME	DF.PIB	USDC BEA DEFINITION
PETROLEUM REVENUES	DF.RP9S	INCLUDES PERMANENT FUND CONTRIBUTION AND WINDFALLS

TABLE 2. EMPLOYMENT BY SECTOR (000)

2001 HIGH CASE

	TOTAL	BASIC	INFRA-STRUCTURE	SUPPORT	STATE/ LOCAL GOVT	TOTAL ANNUAL % GROWTH
2000	328.3	89.7	41.4	142.2	55.0	2.4%
2001	336.2	91.4	43.1	145.8	56.0	2.4%
2002	343.9	93.4	43.9	151.0	55.6	2.3%
2003	350.8	95.8	44.5	154.6	55.9	2.0%
2004	360.8	98.6	45.0	160.1	57.0	2.8%
2005	371.9	101.2	46.1	165.8	58.8	3.1%
2006	391.6	106.8	48.3	174.8	61.7	5.3%
2007	407.4	110.3	50.0	182.8	64.3	4.0%
2008	415.7	110.4	51.0	187.8	66.6	2.0%
2009	415.2	107.3	51.0	188.0	69.1	-0.1%
2010	423.1	110.1	51.7	190.5	70.8	1.9%
2011	423.4	112.1	51.5	190.3	69.4	0.1%
2012	429.4	114.1	52.3	192.6	70.3	1.4%
2013	434.4	114.6	53.3	194.8	71.7	1.2%
2014	443.2	115.9	55.1	199.1	73.1	2.0%
2015	450.4	117.2	56.1	202.8	74.2	1.6%
2016	455.1	118.5	56.2	205.9	74.6	1.0%
2017	458.8	119.2	56.4	208.3	74.9	0.8%
2018	465.0	120.4	57.2	211.5	75.8	1.4%
2019	471.8	121.7	58.3	215.1	76.7	1.5%
2020	480.2	123.0	59.8	219.8	77.7	1.8%
2021	489.1	124.3	61.2	224.9	78.7	1.9%
2022	496.6	125.6	62.1	229.7	79.1	1.5%
2023	504.4	127.0	63.1	234.7	79.6	1.6%
2024	514.0	128.4	64.4	240.3	80.9	1.9%
2025	524.0	129.9	65.8	246.1	82.2	1.9%
2026	0.0	0.0	0.0	0.0	0.0	0.0%
2027	0.0	0.0	0.0	0.0	0.0	0.0%
2028	0.0	0.0	0.0	0.0	0.0	0.0%
2029	0.0	0.0	0.0	0.0	0.0	0.0%
2030	0.0	0.0	0.0	0.0	0.0	0.0%
2031	0.0	0.0	0.0	0.0	0.0	0.0%
2032	0.0	0.0	0.0	0.0	0.0	0.0%
2033	0.0	0.0	0.0	0.0	0.0	0.0%
2034	0.0	0.0	0.0	0.0	0.0	0.0%

ANNUAL AVERAGE GROWTH RATE

2000-2010	2.57%	2.07%	2.24%	2.97%	2.56%
2010-2025	1.44%	1.11%	1.63%	1.72%	1.00%
2000-2025	1.89%	1.49%	1.87%	2.22%	1.62%
2025-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%
2000-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%

MAP MODEL SIMULATION CEA01B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED 2001

TOTAL EMPLOYMENT	EM99	WAGE AND SALARY, PROPRIETORS, & ACTIVE DUTY MILITARY
BASIC	EM9BASE	BASIC CONSTRUCTION, MANUFACTURING,TRANSPORTATION, MINING, OIL, TOURISM, FEDERAL GOVT, AGRICULTURE, FORESTRY, & FISH HARVESTING
INFRASTRUCTURE	EM9INFR	NON-BASIC TRANSPORTATION, COMMUNICATIONS, PUBLIC UTILITIES, NON-BASIC CONSTRUCTION & BUSINESS SERVICES
SUPPORT	EM9SUPRT	NON BASIC TRADE AND SERVICES, FINANCE, LOCAL MANUFACTURING, AND PROPRIETORS NOT INVOLVED IN FISH HARVESTING
STATE & LOCAL	EMGA	STATE AND LOCAL GOVERNMENT

TABLE 3. BASIC INDUSTRY EMPLOYMENT (000)

2001 HIGH CASE

	OIL AND GAS	MINING	SEAFOOD	TIMBER	AIR CARGO	TOURISM	MILITARY
2000	8.665	1.450	18.012	1.650	2.100	16.514	18.684
2001	8.818	1.520	18.112	1.682	2.200	17.333	18.871
2002	9.037	1.616	18.298	1.765	2.350	18.191	19.060
2003	9.718	1.663	18.488	1.848	2.500	19.093	19.250
2004	9.900	1.736	18.682	1.932	2.650	20.039	19.443
2005	10.033	1.836	18.879	2.017	2.800	21.032	19.637
2006	10.317	2.176	19.080	2.102	2.950	21.728	19.833
2007	10.552	2.278	19.286	2.138	3.100	22.447	20.032
2008	10.787	2.431	19.495	2.175	3.250	23.190	20.232
2009	11.588	2.486	19.709	2.212	3.400	23.957	20.434
2010	12.241	2.542	19.927	2.250	3.550	24.750	20.639
2011	12.986	2.774	19.927	2.289	3.700	25.364	20.845
2012	13.771	2.908	19.927	2.329	3.850	25.994	21.054
2013	13.904	2.944	19.927	2.370	4.000	26.640	21.264
2014	13.914	2.982	19.927	2.411	4.000	27.301	21.477
2015	14.060	3.132	19.927	2.453	4.000	27.980	21.692
2016	14.168	3.283	19.927	2.496	4.000	28.675	21.908
2017	13.761	3.327	19.927	2.540	4.000	29.387	22.128
2018	13.856	3.373	19.927	2.585	4.000	30.117	22.349
2019	13.951	3.421	19.927	2.631	4.000	30.865	22.572
2020	14.048	3.471	19.927	2.678	4.000	31.631	22.798
2021	14.145	3.524	19.927	2.725	4.000	32.417	23.026
2022	14.243	3.580	19.927	2.774	4.000	33.222	23.256
2023	14.343	3.639	19.927	2.823	4.000	34.047	23.489
2024	14.443	3.700	19.927	2.873	4.000	34.893	23.724
2025	14.544	3.765	19.927	2.925	4.000	35.759	23.961
2026	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2027	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2028	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2029	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2030	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2031	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2032	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2033	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2034	0.000	0.000	0.000	0.000	0.000	0.000	0.000

ANNUAL AVERAGE GROWTH RATE

2000-2010	3.52%	5.77%	1.02%	3.15%	5.39%	4.13%	1.00%
2010-2025	1.16%	2.65%	0.00%	1.76%	0.80%	2.48%	1.00%
2000-2025	2.09%	3.89%	0.40%	2.32%	2.61%	3.14%	1.00%
2025-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%
2000-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%

MAP MODEL SIMULATION		CEA01B
PREPARED FOR		CHUGACH ELECTRIC ASSOCIATION
CREATED		2001
OIL AND GAS	EMBASEOIL	PRODUCTION AND TRANSPORTATION
MINING	EMPMINE	WAGE AND SALARY EMPLOYMENT ONLY
SEAFOOD	EMBASEFISH	HARVESTING AND PROCESSING
TIMBER	EMBASETIMBER	HARVESTING, PROCESSING, AND PULP MANUFACTURING
AIR CARGO	EMT9XAIR	EMPLOYMENT DEPENDENT ON INTERNATIONAL CARGO
TOURISM	EMTOUR	PORTIONS OF TRADE, SERVICES, AND TRANSPORTATION
MILITARY	EMGM	ACTIVE DUTY MILITARY
FEDERAL CIVILIAN	EMGC	SEE TABLE 5

TABLE 4. PRIVATE EMPLOYMENT (000)

2001 HIGH CASE

	TOTAL PRIVATE	AGRICULTURE FORESTRY FISHERIES	MINING & PETROLEUM	CONSTRUC-TION	MANUFAC-TURING	TRANSPORT COMMUN. PUB. UTILITY	OTHER
2000	237.6	10.7	9.4	15.0	14.0	27.0	161.5
2001	244.3	10.8	9.6	15.7	14.2	27.8	166.2
2002	252.3	10.8	10.0	16.9	14.4	28.2	172.1
2003	258.6	10.8	10.7	17.0	14.7	28.8	176.6
2004	267.2	10.8	10.9	17.3	15.1	29.9	183.2
2005	276.2	10.8	11.2	17.8	15.4	30.9	190.0
2006	292.7	10.9	11.7	21.9	15.7	32.4	200.1
2007	305.7	10.9	11.9	24.0	16.0	33.7	209.2
2008	311.5	10.9	12.2	22.5	16.3	34.6	215.0
2009	308.2	10.9	12.7	17.3	16.6	35.0	215.7
2010	313.9	11.0	13.4	17.9	16.9	35.9	219.0
2011	315.4	11.0	14.2	17.8	16.9	36.2	219.3
2012	320.2	11.0	14.9	18.1	17.0	37.0	222.3
2013	323.5	11.0	15.0	17.6	17.0	37.7	225.0
2014	330.6	11.1	15.2	18.6	17.1	38.6	230.1
2015	336.4	11.1	15.4	18.9	17.2	39.2	234.7
2016	340.4	11.1	15.6	18.3	17.2	39.7	238.4
2017	343.4	11.1	15.3	18.1	17.3	40.2	241.5
2018	348.5	11.2	15.4	18.2	17.3	40.8	245.6
2019	354.0	11.2	15.6	18.6	17.4	41.4	249.9
2020	361.2	11.2	15.7	19.1	17.5	42.2	255.5
2021	368.7	11.2	15.9	19.5	17.6	43.0	261.6
2022	375.5	11.3	16.0	19.4	17.7	43.7	267.4
2023	382.5	11.3	16.2	19.5	17.7	44.5	273.3
2024	390.5	11.3	16.3	19.7	17.8	45.4	279.9
2025	398.8	11.4	16.5	20.0	17.9	46.3	286.7
2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
2027	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
2029	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
2030	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
2031	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
2032	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
2033	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
2034	0.0	0.0	0.0	0.0	0.0	0.0	0.0%

ANNUAL AVERAGE GROWTH RATE

2000-2010	2.83%	0.19%	3.63%	1.78%	1.89%	2.91%	3.09%
2010-2025	1.61%	0.24%	1.42%	0.76%	0.40%	1.70%	1.81%
2000-2025	2.09%	0.22%	2.30%	1.17%	0.99%	2.18%	2.32%
2025-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%
2000-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%

MAP MODEL SIMULATION CEA01B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED 2001

PRIVATE	EMPVT	ALL NON-GOVERNMENT EMPLOYMENT INCLUDING PROPRIETORS
AG, FOR, FISHERIES	EMAFF	DOL AG, FOR, FISHERIES PLUS PROPRIETORS IN FISH HARVESTING
MINING AND PETROL	EMP9	DOL MINING (INCLUDES PETROLEUM PRODUCTION)
CONSTRUCTION	EMCN	DOL CONSTRUCTION
MANUFACTURING	EMM9	DOL MANUFACTURING
TRANS, COMM, PUB UT	EMTCU	DOL TRANS, COMM, PUB, UT
OTHER	EMSUP	DOL TRADE, FINANCES, AND SERVICES PLUS PROPRIETORS NET FISH HARVESTING

TABLE 5. GOVERNMENT EMPLOYMENT (000)

2001 HIGH CASE

	TOTAL GOVT	ACTIVE DUTY MILITARY	FEDERAL CIVILIAN	STATE GOVT	LOCAL GOVT
2000	90.682	18.684	17.000	21.789	33.210
2001	91.914	18.871	17.085	21.892	34.067
2002	91.657	19.060	16.970	21.657	33.970
2003	92.164	19.250	17.055	21.688	34.171
2004	93.633	19.443	17.141	22.017	35.032
2005	95.706	19.637	17.226	22.534	36.308
2006	98.883	19.833	17.312	23.271	38.467
2007	101.718	20.032	17.399	24.124	40.164
2008	104.270	20.232	17.486	24.813	41.739
2009	107.069	20.434	17.573	25.337	43.725
2010	109.143	20.639	17.661	25.794	45.049
2011	108.023	20.845	17.750	25.644	43.785
2012	109.182	21.054	17.838	26.309	43.981
2013	110.911	21.264	17.927	26.772	44.948
2014	112.582	21.477	18.017	27.292	45.797
2015	114.019	21.692	18.107	27.872	46.348
2016	114.690	21.908	18.198	28.399	46.184
2017	115.310	22.128	18.289	28.851	46.043
2018	116.557	22.349	18.380	29.308	46.520
2019	117.778	22.572	18.472	29.796	46.938
2020	119.048	22.798	18.564	30.318	47.367
2021	120.418	23.026	18.657	30.880	47.854
2022	121.107	23.256	18.751	31.458	47.642
2023	121.926	23.489	18.844	32.045	47.548
2024	123.549	23.724	18.939	32.659	48.227
2025	125.182	23.961	19.033	33.306	48.882
2026	0.000	0.000	0.000	0.000	0.000
2027	0.000	0.000	0.000	0.000	0.000
2028	0.000	0.000	0.000	0.000	0.000
2029	0.000	0.000	0.000	0.000	0.000
2030	0.000	0.000	0.000	0.000	0.000
2031	0.000	0.000	0.000	0.000	0.000
2032	0.000	0.000	0.000	0.000	0.000
2033	0.000	0.000	0.000	0.000	0.000
2034	0.000	0.000	0.000	0.000	0.000

ANNUAL AVERAGE GROWTH RATE

2000-2010	1.87%	1.00%	0.38%	1.70%	3.10%
2010-2025	0.92%	1.00%	0.50%	1.72%	0.55%
2000-2025	1.30%	1.00%	0.45%	1.71%	1.56%
2025-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%
2000-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%

MAP MODEL SIMULATION		CEA01B
PREPARED FOR		CHUGACH ELECTRIC ASSOCIATION
CREATED		2001
TOTAL	EMG9	TOTAL
MILITARY	EMGM	ACTIVE DUTY MILITARY
FEDERAL CIVILIAN	EMGC	FEDERAL CIVILIAN
STATE	EMGS	STATE (INCLUDES UNIVERSITY OF ALASKA)
LOCAL	EMGL	LOCAL

TABLE 6. POPULATION CHANGE (000)

2001 HIGH CASE

	POPULATION	TOTAL ANNUAL CHANGE	NATURAL INCREASE	NON-MILITARY MIGRATION	MILITARY MIGRATION
2000	627.216	5.216	7.510	-1.477	0.726
2001	636.091	8.875	7.960	1.282	-0.369
2002	649.599	13.508	8.529	5.350	-0.372
2003	664.085	14.486	9.229	5.631	-0.376
2004	681.697	17.612	9.919	8.071	-0.380
2005	703.121	21.423	10.644	11.161	-0.383
2006	734.354	31.233	11.403	20.216	-0.387
2007	767.398	33.044	12.366	21.068	-0.391
2008	792.646	25.249	13.249	12.394	-0.395
2009	806.299	13.652	13.746	0.304	-0.399
2010	822.846	16.548	13.773	3.176	-0.403
2011	833.952	11.106	13.843	-2.332	-0.407
2012	847.603	13.651	13.712	0.348	-0.411
2013	861.279	13.676	13.672	0.417	-0.415
2014	878.464	17.185	13.656	3.947	-0.419
2015	895.689	17.225	13.785	3.862	-0.424
2016	910.744	15.054	13.941	1.540	-0.428
2017	923.813	13.070	14.049	-0.550	-0.432
2018	938.217	14.404	14.116	0.722	-0.436
2019	953.338	15.121	14.246	1.314	-0.441
2020	970.278	16.940	14.410	2.973	-0.445
2021	988.448	18.170	14.642	3.975	-0.450
2022	1006.015	17.567	14.924	3.095	-0.454
2023	1023.809	17.794	15.199	3.052	-0.459
2024	1043.254	19.444	15.502	4.403	-0.463
2025	1063.467	20.214	15.883	4.797	-0.468
2026	0.000	0.000	0.000	0.000	0.000
2027	0.000	0.000	0.000	0.000	0.000
2028	0.000	0.000	0.000	0.000	0.000
2029	0.000	0.000	0.000	0.000	0.000
2030	0.000	0.000	0.000	0.000	0.000
2031	0.000	0.000	0.000	0.000	0.000
2032	0.000	0.000	0.000	0.000	0.000
2033	0.000	0.000	0.000	0.000	0.000
2034	0.000	0.000	0.000	0.000	0.000

ANNUAL AVERAGE GROWTH RATE

2000-2010	2.75%	12.24%	6.25%	ERR	ERR
2010-2025	1.72%	1.34%	0.95%	2.79%	1.00%
2000-2025	2.13%	5.57%	3.04%	ERR	ERR
2025-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%
2000-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%

MAP MODEL SIMULATION CEA01B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED 2001

POPULATION	POP	JULY 1 CENSUS DEFINITION
ANNUAL CHANGE	DELPOP	YEAR TO YEAR CHANGE IN JULY 1 POPULATION
NATURAL INCREASE	POPNI9	CIVILIAN NON-NATIVE PLUS NATIVE PLUS MILITARY
NON-MIL MIGRATION	POPMIG	MIGRATION NET MILITARY MIGRATION
MILITARY MIGRATION	POPMIGM	INCLUDES ACTIVE DUTY MILITARY AND DEPENDENTS

TABLE 7. POPULATION COMPONENTS (000)

2001 HIGH CASE

	TOTAL POPULATION	CIVILIAN NON-NATIVE	NATIVE	MILITARY
2000	627.216	474.126	107.301	45.789
2001	636.091	479.918	109.926	46.247
2002	649.599	490.259	112.631	46.710
2003	664.085	501.495	115.413	47.177
2004	681.697	515.775	118.273	47.648
2005	703.121	533.787	121.209	48.125
2006	734.354	561.530	124.218	48.606
2007	767.398	591.007	127.298	49.092
2008	792.646	612.614	130.449	49.583
2009	806.299	622.549	133.670	50.079
2010	822.846	635.304	136.962	50.580
2011	833.952	642.540	140.327	51.086
2012	847.603	652.242	143.765	51.596
2013	861.279	661.885	147.281	52.112
2014	878.464	674.952	150.878	52.634
2015	895.689	687.968	154.561	53.160
2016	910.744	698.718	158.334	53.691
2017	923.813	707.384	162.201	54.228
2018	938.217	717.278	166.169	54.771
2019	953.338	727.778	170.242	55.318
2020	970.278	739.982	174.425	55.872
2021	988.448	753.293	178.724	56.430
2022	1006.015	765.875	183.145	56.995
2023	1023.809	778.553	187.692	57.564
2024	1043.254	792.744	192.369	58.140
2025	1063.467	807.562	197.183	58.722
2026	0.000	0.000	0.000	0.000
2027	0.000	0.000	0.000	0.000
2028	0.000	0.000	0.000	0.000
2029	0.000	0.000	0.000	0.000
2030	0.000	0.000	0.000	0.000
2031	0.000	0.000	0.000	0.000
2032	0.000	0.000	0.000	0.000
2033	0.000	0.000	0.000	0.000
2034	0.000	0.000	0.000	0.000

ANNUAL AVERAGE GROWTH RATE

2000-2010	2.75%	2.97%	2.47%	1.00%
2010-2025	1.72%	1.61%	2.46%	1.00%
2000-2025	2.13%	2.15%	2.46%	1.00%
2025-2034	-100.00%	-100.00%	-100.00%	-100.00%
2000-2034	-100.00%	-100.00%	-100.00%	-100.00%

MAP MODEL SIMULATION CEA01B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED 2001

POPULATION	POP	JULY1 CENSUS DEFINITION
CIVILIAN NON NATIVE	CNNTOT	TOTAL MINUS NATIVE AND MILITARY
NATIVE	NATTOT	ALASKA DEPT OF LABOR DEFINITION
MILITARY	MILTOT	ACTIVE DUTY PLUS DEPENDENTS

TABLE 8. STATE PETROLEUM REVENUES
(MILL 00$)

2001 HIGH CASE

	TOTAL	PROPERTY TAX	CORPORATE INCOME TAX	SEVERANCE TAX	ROYALTY (GF + PF)	RENTS AND BONUSES
2000	$1,885	$45	$163	$703	$974	$0
2001	$2,071	$44	$268	$693	$1,067	$0
2002	$1,810	$40	$188	$495	$1,086	$0
2003	$1,616	$37	$173	$417	$989	$0
2004	$1,666	$34	$159	$524	$949	$0
2005	$1,491	$49	$150	$458	$835	$0
2006	$1,323	$62	$141	$397	$724	$0
2007	$1,303	$74	$128	$416	$684	$0
2008	$1,232	$87	$116	$390	$639	$0
2009	$1,530	$98	$143	$445	$843	$0
2010	$1,455	$98	$132	$411	$813	$0
2011	$1,384	$96	$118	$394	$776	$0
2012	$1,360	$95	$109	$390	$766	$0
2013	$1,339	$96	$100	$386	$756	$0
2014	$1,371	$94	$92	$402	$782	$0
2015	$1,344	$93	$88	$391	$772	$0
2016	$1,324	$92	$83	$387	$762	$0
2017	$1,304	$90	$79	$382	$752	$0
2018	$1,283	$89	$75	$377	$742	$0
2019	$1,261	$87	$71	$371	$730	$0
2020	$1,239	$86	$68	$366	$719	$0
2021	$1,221	$86	$67	$361	$707	$0
2022	$1,204	$85	$64	$357	$698	$0
2023	$1,188	$85	$63	$353	$688	$0
2024	$1,172	$84	$60	$349	$679	$0
2025	$1,152	$84	$59	$343	$666	$0
2026	$0	$0	$0	$0	$0	$0
2027	$0	$0	$0	$0	$0	$0
2028	$0	$0	$0	$0	$0	$0
2029	$0	$0	$0	$0	$0	$0
2030	$0	$0	$0	$0	$0	$0
2031	$0	$0	$0	$0	$0	$0
2032	$0	$0	$0	$0	$0	$0
2033	$0	$0	$0	$0	$0	$0
2034	$0	$0	$0	$0	$0	$0

ANNUAL AVERAGE GROWTH RATE

2000-2010	-2.56%	8.14%	-2.08%	-5.22%	-1.79%	ERR
2010-2025	-1.54%	-1.07%	-5.22%	-1.21%	-1.32%	ERR
2000-2025	-1.95%	2.51%	-3.97%	-2.83%	-1.51%	ERR
2025-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	ERR
2000-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	ERR

MAP MODEL SIMULATION CEA01B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED 2001

PROPERTY TAX
CORPORATE INCOME TAX
SEVERANCE TAX
ROYALTY
RENTS AND BONUSES

TABLE 9. STATE UNRESTRICTED GENERAL FUND
(MILL 00$)

2001 HIGH CASE

	EXPENDI-TURES	TOTAL REVENUES (excludes ER draw)	PETROLEUM	ENDOG-ENOUS	USE OF INVESTMENT INCOME		
					GENERAL FUND	PERMANENT FUND	CONST RESERVE
2000	$2,430	$2,467	$1,641	$354	$58	$0	$414
2001	$2,358	$2,345	$1,804	$367	$58	$0	$116
2002	$2,290	$2,271	$1,539	$372	$62	$0	$298
2003	$2,303	$1,998	$1,369	$372	$60	$84	$114
2004	$2,337	$2,162	$1,429	$378	$58	$182	$114
2005	$2,402	$2,121	$1,283	$388	$64	$272	$114
2006	$2,500	$2,169	$1,142	$403	$75	$306	$242
2007	$2,604	$2,324	$1,132	$426	$76	$362	$329
2008	$2,686	$2,492	$1,072	$436	$73	$344	$567
2009	$2,731	$2,581	$1,319	$428	$72	$339	$423
2010	$2,782	$2,710	$1,251	$497	$70	$337	$554
2011	$2,810	$2,775	$1,190	$634	$66	$331	$555
2012	$2,845	$2,845	$1,169	$797	$64	$337	$479
2013	$2,882	$2,882	$1,150	$960	$62	$343	$368
2014	$2,946	$2,946	$1,175	$1,041	$60	$347	$323
2015	$3,022	$3,022	$1,151	$1,053	$58	$456	$304
2016	$3,083	$3,083	$1,133	$1,059	$56	$566	$268
2017	$3,117	$3,117	$1,116	$1,062	$55	$677	$207
2018	$3,149	$3,149	$1,098	$1,069	$53	$791	$138
2019	$3,191	$3,228	$1,078	$1,078	$51	$906	$114
2020	$3,247	$3,247	$1,059	$1,092	$50	$913	$133
2021	$3,313	$3,313	$1,044	$1,109	$50	$920	$190
2022	$3,375	$3,375	$1,029	$1,124	$49	$926	$247
2023	$3,430	$3,430	$1,016	$1,139	$47	$933	$295
2024	$3,491	$3,491	$1,002	$1,156	$46	$939	$348
2025	$3,554	$3,554	$985	$1,173	$45	$946	$405
2026	$0	$0	$0	$0	$0	$0	$0
2027	$0	$0	$0	$0	$0	$0	$0
2028	$0	$0	$0	$0	$0	$0	$0
2029	$0	$0	$0	$0	$0	$0	$0
2030	$0	$0	$0	$0	$0	$0	$0
2031	$0	$0	$0	$0	$0	$0	$0
2032	$0	$0	$0	$0	$0	$0	$0
2033	$0	$0	$0	$0	$0	$0	$0
2034	$0	$0	$0	$0	$0	$0	$0

ANNUAL AVERAGE GROWTH RATE

2000-2010	1.36%	0.94%	-2.67%	3.46%	1.84%	ERR	2.96%
2010-2025	1.64%	1.82%	-1.58%	5.90%	-2.95%	7.12%	-2.07%
2000-2025	1.53%	1.47%	-2.02%	4.91%	-1.06%	ERR	-0.09%
2025-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%
2000-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	ERR	-100.00%

MAP MODEL SIMULATION		CEA01B
PREPARED FOR		CHUGACH ELECTRIC ASSOCIATION
CREATED		2001
EXPENDITURES	DF.EXGFB	UNRESTRICTED GENERAL FUND
TOTAL REVENUES	DF.RSGFB	UNRESTRICTED GENERAL FUND--EXCLUDING DRAW FROM ER BALANCE
PETROLEUM REV	DF.RP9SG	EXCLUDES STATUTORY PERMANENT FUND CONTRIBUTION & CBR CONTRIBUTION
ENDOGENOUS REV	DF.RSENG	TOTAL NET OF PETROLEUM AND INVESTMENT EARNINGS
GF INVESTMENT EARN	DF.RSIG	GENERAL FUND INVESTMENT EARNINGS
PF INVESTMENT EARN	DF.RSIPG	PERMANENT FUND AND EARNINGS RESERVE EARNINGS TRANSFERRED TO GF
CBR INVESTMENT EARN	DF.CBR	CBR INVESTMENT EARNINGS TRANSFERRED TO GR (PLUS AGENCY TRANSFER)

TABLE 10. STATE GOVERNMENT VARIABLES
(MILL 00$)

2001 HIGH CASE

	GENERAL FUND TOTAL	COMPOSITION			ITEM: PERM FUND DIVIDEND APPROP	ITEM: LOCAL GOVT TRANSFERS	ITEM: PERSONAL INCOME TAX
		TOTAL OPERATING	CAPITAL	DEBT SERVICE			
2000	$2,430	$2,160	$240	$30	$1,184	$974	$0
2001	$2,358	$2,101	$233	$23	$1,125	$973	$0
2002	$2,290	$2,034	$226	$30	$1,108	$969	$0
2003	$2,308	$2,034	$226	$47	$1,053	$985	$0
2004	$2,344	$2,060	$229	$55	$1,013	$1,007	$0
2005	$2,412	$2,123	$236	$53	$1,007	$1,040	$0
2006	$2,512	$2,214	$246	$52	$1,070	$1,082	$0
2007	$2,617	$2,311	$257	$50	$1,074	$1,126	$0
2008	$2,697	$2,384	$265	$48	$1,073	$1,164	$0
2009	$2,740	$2,424	$269	$47	$1,071	$1,190	$0
2010	$2,792	$2,472	$275	$45	$1,069	$1,219	$82
2011	$2,824	$2,504	$278	$42	$1,035	$1,223	$233
2012	$2,854	$2,543	$283	$28	$1,037	$1,250	$393
2013	$2,891	$2,583	$287	$21	$1,043	$1,277	$554
2014	$2,957	$2,633	$293	$31	$1,050	$1,295	$634
2015	$3,032	$2,683	$298	$51	$953	$1,307	$644
2016	$3,093	$2,727	$303	$63	$854	$1,317	$649
2017	$3,127	$2,764	$307	$55	$754	$1,324	$652
2018	$3,159	$2,806	$312	$41	$652	$1,331	$657
2019	$3,201	$2,850	$317	$34	$549	$1,337	$663
2020	$3,257	$2,899	$322	$36	$553	$1,344	$673
2021	$3,324	$2,952	$328	$44	$558	$1,350	$686
2022	$3,386	$3,002	$334	$50	$563	$1,355	$698
2023	$3,442	$3,054	$339	$49	$568	$1,359	$709
2024	$3,503	$3,110	$346	$47	$572	$1,363	$722
2025	$3,566	$3,168	$352	$46	$577	$1,366	$735
2026	$0	$0	$0	$0	$0	$0	$0
2027	$0	$0	$0	$0	$0	$0	$0
2028	$0	$0	$0	$0	$0	$0	$0
2029	$0	$0	$0	$0	$0	$0	$0
2030	$0	$0	$0	$0	$0	$0	$0
2031	$0	$0	$0	$0	$0	$0	$0
2032	$0	$0	$0	$0	$0	$0	$0
2033	$0	$0	$0	$0	$0	$0	$0
2034	$0	$0	$0	$0	$0	$0	$0

ANNUAL AVERAGE GROWTH RATE

2000-2010	1.40%	1.36%	1.36%	4.01%	-1.01%	2.27%
2010-2025	1.64%	1.67%	1.67%	0.08%	-4.03%	0.76%
2000-2025	1.55%	1.54%	1.54%	1.63%	-2.83%	1.36%
2025-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%
2000-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%

MAP MODEL SIMULATION CEA01B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED 2001

TOTAL	DF.APGF	TOTAL GENERAL FUND APPROPRIATIONS
OPERATING	DF.APGFO	OPERATIONS
CAPITAL	DF.APGFC	CAPITAL
DEBT SERVICE	DF.EXDSS	GENERAL OBLIGATION DEBT OF STATE
PERM FUND DIVIDEND	DF.EXTRN	PERMANENT FUND DIVIDEND ACCOUNT
LOCAL GOVT TRANS	DF.RLT99	LOCAL GOVERNMENT TRANSFERS FROM STATE GENERAL FUND

TABLE 11. PERMANENT FUND
(MILL 00$)

2001 HIGH CASE

	STATUTORY NET INCOME	USE OF EARNINGS			FUND ADDITIONS		END OF YEAR FUND BALANCE
		INFLATION PROOFING	GENERAL FUND	DIVIDEND ACCOUNT	PETROLEUM FORMULA BASED	SPECIAL APPRO-PRIATION	
2000	$2,260	$570	$0	$1,184	$311	$0	$20,162
2001	$1,507	$588	$0	$1,125	$267	$0	$20,469
2002	$2,127	$694	$0	$1,108	$272	$0	$20,782
2003	$2,176	$704	$84	$1,053	$247	$0	$21,070
2004	$2,183	$714	$182	$1,013	$237	$0	$21,350
2005	$2,184	$723	$272	$1,007	$209	$0	$21,602
2006	$2,185	$732	$306	$1,070	$181	$0	$21,828
2007	$2,176	$740	$362	$1,074	$171	$0	$22,043
2008	$2,164	$747	$344	$1,073	$160	$0	$22,248
2009	$2,163	$754	$339	$1,071	$211	$0	$22,503
2010	$2,169	$763	$337	$1,069	$203	$0	$22,752
2011	$2,112	$746	$331	$1,035	$194	$0	$22,258
2012	$2,128	$754	$337	$1,037	$192	$0	$22,493
2013	$2,147	$762	$343	$1,043	$189	$0	$22,726
2014	$2,167	$770	$347	$1,050	$195	$0	$22,967
2015	$2,187	$778	$456	$953	$193	$0	$23,205
2016	$2,207	$786	$566	$854	$191	$0	$23,442
2017	$2,226	$794	$677	$754	$188	$0	$23,677
2018	$2,246	$802	$791	$652	$186	$0	$23,909
2019	$2,265	$810	$906	$549	$183	$0	$24,140
2020	$2,284	$818	$913	$553	$180	$0	$24,368
2021	$2,303	$826	$920	$558	$177	$0	$24,594
2022	$2,322	$833	$926	$563	$174	$0	$24,818
2023	$2,341	$841	$933	$568	$172	$0	$25,040
2024	$2,360	$848	$939	$572	$170	$0	$25,260
2025	$2,379	$856	$946	$577	$167	$0	$25,478
2026	$0	$0	$0	$0	$0	$0	$0
2027	$0	$0	$0	$0	$0	$0	$0
2028	$0	$0	$0	$0	$0	$0	$0
2029	$0	$0	$0	$0	$0	$0	$0
2030	$0	$0	$0	$0	$0	$0	$0
2031	$0	$0	$0	$0	$0	$0	$0
2032	$0	$0	$0	$0	$0	$0	$0
2033	$0	$0	$0	$0	$0	$0	$0
2034	$0	$0	$0	$0	$0	$0	$0

ANNUAL AVERAGE GROWTH RATE

2000-2010	-0.41%	2.95%	ERR	-1.01%	-4.17%	ERR	1.22%
2010-2025	0.62%	0.77%	7.12%	-4.03%	-1.32%	ERR	0.76%
2000-2025	0.20%	1.64%	ERR	-2.83%	-2.47%	ERR	0.94%
2025-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	ERR	-100.00%
2000-2034	-100.00%	-100.00%	ERR	-100.00%	-100.00%	ERR	-100.00%

MAP MODEL SIMULATION CEA01B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED 2001

EARNINGS	DF.RSIP	TOTAL REALIZED EARNINGS
INFLATION PROOFING	DF.RSIPP	EARNINGS APPROPRIATED INTO PERMANENT FUND
GENERAL FUND CONT	DF.RSIPG	EARNINGS APPROPRIATED TO GENERAL FUND
PERM FUND DIVIDEND	DF.EXTRN	EARNINGS APPROPRIATED TO DIVIDEND ACCOUNT
FORMULA-BASED	DF.RP7SP	CONSTITUTIONALLY MANDATED PETROLEUM REVENUES
SPECIAL APPROP	DF.XPFCX	APPROPRIATIONS TO PF FROM GF
FUND BALANCE	DF.BALPF	EXCLUDES EARNINGS RESERVE

TABLE 12. CONSTITUTIONAL BUDGET RESERVE
(MILL 00$)

2001 HIGH CASE

	CBR DRAW + AGENCY DIVIDEND	YEAR END CBR BALANCE
2000	$414	$2,741
2001	$116	$2,855
2002	$298	$2,840
2003	$114	$3,019
2004	$114	$3,157
2005	$114	$3,298
2006	$242	$3,314
2007	$329	$3,243
2008	$567	$2,931
2009	$423	$2,752
2010	$554	$2,435
2011	$555	$2,021
2012	$479	$1,750
2013	$368	$1,581
2014	$323	$1,451
2015	$304	$1,335
2016	$268	$1,250
2017	$207	$1,223
2018	$138	$1,264
2019	$114	$1,330
2020	$133	$1,378
2021	$190	$1,369
2022	$247	$1,303
2023	$295	$1,186
2024	$348	$1,013
2025	$405	$776
2026	$0	$0
2027	$0	$0
2028	$0	$0
2029	$0	$0
2030	$0	$0
2031	$0	$0
2032	$0	$0
2033	$0	$0
2034	$0	$0

ANNUAL AVERAGE GROWTH RATE

2000-2010	2.96%	-1.18%
2010-2025	-2.07%	-7.34%
2000-2025	-0.09%	-4.92%
2025-2034	-100.00%	-100.00%
2000-2034	-100.00%	-100.00%

MAP MODEL SIMULATION CEA01B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED 2001

CBR DRAW ANNUAL TRANSFER TO GENERAL FUND
CBR BALANCE YEAR END BALANCE

TABLE 13. LOCAL GOVERNMENT REVENUES
(MILL 00$)

2001 HIGH CASE

	TOTAL GENERAL REVENUE	INTERGOVERNMENTAL			TAXES: OTHER PROPERTY	TAXES: NON-PROPERTY	CHARGES & MISC (000)
		STATE TRANSFERS	FEDERAL TRANSFERS	PETROLEUM PROPERTY			
2000	$2,678	$974	$130	$220	$433	$160	$760
2001	$2,723	$973	$132	$214	$485	$162	$758
2002	$2,708	$969	$133	$198	$489	$169	$750
2003	$2,764	$985	$135	$183	$551	$169	$742
2004	$2,770	$1,007	$137	$168	$551	$173	$734
2005	$2,936	$1,040	$139	$238	$563	$179	$778
2006	$3,113	$1,082	$141	$303	$583	$186	$818
2007	$3,290	$1,126	$143	$364	$606	$196	$856
2008	$3,468	$1,164	$145	$424	$638	$204	$893
2009	$3,617	$1,190	$147	$479	$665	$209	$927
2010	$3,672	$1,219	$149	$480	$683	$211	$930
2011	$3,614	$1,223	$146	$468	$666	$209	$902
2012	$3,660	$1,250	$148	$463	$681	$217	$901
2013	$3,734	$1,277	$150	$470	$708	$222	$907
2014	$3,762	$1,295	$152	$461	$725	$227	$902
2015	$3,788	$1,307	$154	$454	$741	$233	$899
2016	$3,815	$1,317	$156	$447	$761	$238	$896
2017	$3,835	$1,324	$158	$440	$777	$242	$893
2018	$3,851	$1,331	$160	$434	$790	$245	$891
2019	$3,866	$1,337	$162	$427	$801	$250	$888
2020	$3,887	$1,344	$165	$421	$817	$255	$886
2021	$3,916	$1,350	$167	$418	$833	$263	$885
2022	$3,951	$1,355	$169	$415	$857	$270	$885
2023	$3,987	$1,359	$172	$413	$881	$277	$885
2024	$4,021	$1,363	$174	$411	$904	$284	$885
2025	$4,057	$1,366	$176	$409	$928	$293	$885
2026	$0	$0	$0	$0	$0	$0	$0
2027	$0	$0	$0	$0	$0	$0	$0
2028	$0	$0	$0	$0	$0	$0	$0
2029	$0	$0	$0	$0	$0	$0	$0
2030	$0	$0	$0	$0	$0	$0	$0
2031	$0	$0	$0	$0	$0	$0	$0
2032	$0	$0	$0	$0	$0	$0	$0
2033	$0	$0	$0	$0	$0	$0	$0
2034	$0	$0	$0	$0	$0	$0	$0

ANNUAL AVERAGE GROWTH RATE

2000-2010	3.21%	2.27%	1.33%	8.14%	4.67%	2.79%	2.03%
2010-2025	0.67%	0.76%	1.14%	-1.07%	2.06%	2.21%	-0.33%
2000-2025	1.68%	1.36%	1.21%	2.51%	3.10%	2.44%	0.61%
2025-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%
2000-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%

MAP MODEL SIMULATION CEA01B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED 2001

GENERAL REVENUE	DF.RL99	TOTAL
STATE TRANSFERS	DF.RLT99	TRANSFERS FROM STATE GOVERNMENT
FEDERAL TRANSFERS	DF.RLTF	TRANSFERS DIRECTLY FROM FEDERAL GOVERNMENT
PETROL PROP TAX	DF.RLPTP	LOCAL SHARE OF STATE ADMINISTERED TAX
OTHER PROP TAX	DF.RLPTN	NON-PETROLEUM PROPERTY
OTHER TAXES	DF.RLOT	OTHER TAXES
CHARGES & MISC	DF.RLMC	INCLUDES REVENUES TO SERVICE BONDS

TABLE 14. REAL PERSONAL INCOME
(MILL 00$)

2001 HIGH CASE

	WAGE AND SALARY PAYMENTS	NET EARNINGS	RESIDENCE ADJUSTMENT	DIVIDENDS, INTEREST, RENT	TRANSFERS	TOTAL PERSONAL INCOME	DISPOSABLE PERSONAL INCOME
2000	$10,587	$12,831	$796	$3,462	$2,914	$18,658	$16,230
2001	$10,810	$13,073	$813	$3,561	$3,302	$19,370	$16,823
2002	$11,029	$13,309	$837	$3,688	$2,950	$19,357	$16,804
2003	$11,259	$13,556	$866	$3,835	$2,948	$19,718	$17,098
2004	$11,572	$13,896	$930	$4,004	$3,110	$20,326	$17,603
2005	$11,899	$14,255	$968	$4,200	$3,308	$21,042	$18,200
2006	$12,628	$15,054	$1,175	$4,462	$3,466	$22,057	$19,061
2007	$13,145	$15,626	$1,288	$4,743	$3,563	$22,895	$19,764
2008	$13,324	$15,828	$1,242	$4,983	$3,637	$23,455	$20,222
2009	$13,121	$15,612	$1,013	$5,155	$3,573	$23,571	$20,296
2010	$13,400	$15,915	$1,041	$5,351	$3,538	$24,004	$20,532
2011	$13,448	$15,949	$1,045	$5,339	$3,541	$24,018	$20,394
2012	$13,671	$16,189	$1,072	$5,519	$3,625	$24,492	$20,658
2013	$13,791	$16,323	$1,041	$5,703	$3,713	$24,926	$20,886
2014	$14,061	$16,622	$1,062	$5,917	$3,818	$25,520	$21,361
2015	$14,277	$16,862	$1,079	$6,136	$3,817	$25,958	$21,702
2016	$14,411	$17,009	$1,089	$6,345	$3,814	$26,298	$21,961
2017	$14,493	$17,100	$1,095	$6,546	$3,813	$26,578	$22,171
2018	$14,680	$17,308	$1,110	$6,762	$3,824	$26,996	$22,492
2019	$14,881	$17,532	$1,125	$6,989	$3,844	$27,447	$22,840
2020	$15,130	$17,812	$1,145	$7,235	$3,989	$28,094	$23,353
2021	$15,387	$18,102	$1,166	$7,496	$4,142	$28,775	$23,892
2022	$15,594	$18,337	$1,182	$7,760	$4,291	$29,402	$24,386
2023	$15,815	$18,586	$1,199	$8,032	$4,438	$30,049	$24,894
2024	$16,092	$18,901	$1,221	$8,325	$4,581	$30,773	$25,466
2025	$16,375	$19,225	$1,244	$8,632	$4,715	$31,510	$26,046
2026	$0	$0	$0	$0	$0	$0	$0
2027	$0	$0	$0	$0	$0	$0	$0
2028	$0	$0	$0	$0	$0	$0	$0
2029	$0	$0	$0	$0	$0	$0	$0
2030	$0	$0	$0	$0	$0	$0	$0
2031	$0	$0	$0	$0	$0	$0	$0
2032	$0	$0	$0	$0	$0	$0	$0
2033	$0	$0	$0	$0	$0	$0	$0
2034	$0	$0	$0	$0	$0	$0	$0

ANNUAL AVERAGE GROWTH RATE

2000-2010	2.38%	2.18%	2.73%	4.45%	1.96%	2.55%	2.38%
2010-2025	2.95%	2.73%	3.03%	6.28%	3.26%	3.56%	3.20%
2000-2025	1.76%	1.63%	1.80%	3.72%	1.94%	2.12%	1.91%
2025-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%
2000-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%

MAP MODEL SIMULATION		CEA01B
PREPARED FOR		CHUGACH ELECTRIC ASSOCIATION
CREATED		2001
WAGE AND SALARIES	DF.PIWS	NON-AGRICULTURAL WAGES AND SALARIES PLUS MILITARY
NET EARNINGS	DF.PINE	NET LABOR AND PROPRIETORS INCOME BY PLACE OF WORK
RESIDENCE ADJ	DF.PIRAD	RESIDENCE ADJUSTMENT
DIVIDEND, INTEREST	DF.PIDIR	DIVIDENDS, INTEREST, RENTS
TRANSFERS	DF.PITRAN	TRANSFERS
TOTAL PI	DF.PIB	TOTAL PERSONAL INCOME
DISPOSABLE PI	DF.DPIB	DISPOSABLE PERSONAL INCOME

TABLE 15. PER CAPITA VARIABLES
(2000 $)

2001 HIGH CASE

	TOTAL INCOME	DISPOSABLE INCOME	STATE GENERAL FUND EXPENDITURES	LOCAL REVENUES (= EXPEND)	PERMANENT FUND DIVIDEND	AVERAGE CIVILIAN WAGE RATE	PERMANENT FUND BALANCE
2000	$29,747	$25,876	$3,875	$4,269	$1,887	$33,392	$32,145
2001	$30,451	$26,447	$3,706	$4,281	$1,768	$33,319	$32,179
2002	$29,798	$25,869	$3,525	$4,169	$1,706	$33,256	$31,991
2003	$29,692	$25,747	$3,467	$4,163	$1,586	$33,323	$31,729
2004	$29,816	$25,823	$3,429	$4,064	$1,486	$33,346	$31,319
2005	$29,926	$25,885	$3,417	$4,176	$1,432	$33,311	$30,724
2006	$30,036	$25,957	$3,404	$4,239	$1,457	$33,692	$29,723
2007	$29,834	$25,754	$3,394	$4,288	$1,400	$33,778	$28,724
2008	$29,591	$25,512	$3,389	$4,375	$1,354	$33,571	$28,068
2009	$29,234	$25,171	$3,387	$4,486	$1,328	$33,054	$27,909
2010	$29,172	$24,953	$3,381	$4,462	$1,300	$33,173	$27,650
2011	$28,800	$24,455	$3,369	$4,334	$1,241	$33,295	$26,690
2012	$28,896	$24,373	$3,356	$4,318	$1,224	$33,411	$26,537
2013	$28,941	$24,250	$3,346	$4,335	$1,211	$33,329	$26,387
2014	$29,051	$24,316	$3,354	$4,282	$1,195	$33,341	$26,144
2015	$28,981	$24,229	$3,374	$4,229	$1,064	$33,345	$25,908
2016	$28,875	$24,113	$3,385	$4,189	$938	$33,327	$25,739
2017	$28,770	$24,000	$3,374	$4,152	$817	$33,259	$25,629
2018	$28,773	$23,973	$3,356	$4,105	$695	$33,259	$25,484
2019	$28,790	$23,958	$3,347	$4,056	$575	$33,259	$25,321
2020	$28,955	$24,068	$3,346	$4,006	$570	$33,253	$25,114
2021	$29,111	$24,171	$3,351	$3,962	$565	$33,237	$24,881
2022	$29,227	$24,240	$3,355	$3,928	$560	$33,207	$24,669
2023	$29,350	$24,316	$3,351	$3,894	$554	$33,182	$24,457
2024	$29,498	$24,410	$3,346	$3,854	$549	$33,164	$24,213
2025	$29,630	$24,492	$3,342	$3,814	$542	$33,145	$23,957
2026	$0	$0	$0	$0	$0	$0	$0
2027	$0	$0	$0	$0	$0	$0	$0
2028	$0	$0	$0	$0	$0	$0	$0
2029	$0	$0	$0	$0	$0	$0	$0
2030	$0	$0	$0	$0	$0	$0	$0
2031	$0	$0	$0	$0	$0	$0	$0
2032	$0	$0	$0	$0	$0	$0	$0
2033	$0	$0	$0	$0	$0	$0	$0
2034	$0	$0	$0	$0	$0	$0	$0
ANNUAL AVERAGE GROWTH RATE							
2000-2010	-0.20%	-0.36%	-1.35%	0.44%	-3.66%	-0.07%	-1.49%
2010-2025	0.10%	-0.12%	-0.08%	-1.04%	-5.66%	-0.01%	-0.95%
2000-2025	-0.02%	-0.22%	-0.59%	-0.45%	-4.86%	-0.03%	-1.17%
2025-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%
2000-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%

MAP MODEL SIMULATION		CEA01B
PREPARED FOR		CHUGACH ELECTRIC ASSOCIATION
CREATED		2001
TOTAL INCOME	DP.PIB	PER CAPITA PERSONAL INCOME
DISPOSABLE INCOME	DP.DPIB	PER CAPITA DISPOSABLE PERSONAL INCOME
GENERAL FUND EX	DP.EXGFB	PER CAPITA GENERAL FUND EXPENDITURES
PERM FUND DIVIDEND	DP.EXTRN	PER CAPITA DIVIDEND (NOT ALL ALASKANS RECEIVE DIVIDEND)
AVG CIV WAGE RATE	DF.WR97	AVERAGE ANNUAL CIVILIAN WAGE
PERM FUND BALANCE	DP.BALPF	PER CAPITA YEAR END PERMANENT FUND BALANCE

TABLE 16. PRICE INDEXES

2001 HIGH CASE

	ANCHORAGE CPI-W (000)	ANCHORAGE/ US AVERAGE PRICE LEVEL	INFLATION RATE ANCH CPI-W
2000	151.1	1.12	2.2%
2001	155.3	1.11	2.8%
2002	160.4	1.11	3.3%
2003	165.7	1.11	3.3%
2004	171.2	1.11	3.3%
2005	176.8	1.11	3.3%
2006	182.6	1.10	3.3%
2007	188.6	1.10	3.3%
2008	194.8	1.10	3.3%
2009	201.2	1.10	3.3%
2010	207.9	1.09	3.3%
2011	221.9	1.13	6.7%
2012	229.2	1.13	3.3%
2013	236.7	1.12	3.3%
2014	244.5	1.12	3.3%
2015	252.6	1.12	3.3%
2016	260.9	1.12	3.3%
2017	269.5	1.11	3.3%
2018	278.4	1.11	3.3%
2019	287.5	1.11	3.3%
2020	297.0	1.11	3.3%
2021	306.8	1.11	3.3%
2022	316.9	1.10	3.3%
2023	327.3	1.10	3.3%
2024	338.1	1.10	3.3%
2025	349.2	1.10	3.3%
2026	0.0	0.00	0.0%
2027	0.0	0.00	0.0%
2028	0.0	0.00	0.0%
2029	0.0	0.00	0.0%
2030	0.0	0.00	0.0%
2031	0.0	0.00	0.0%
2032	0.0	0.00	0.0%
2033	0.0	0.00	0.0%
2034	0.0	0.00	0.0%

ANNUAL AVERAGE GROWTH RATE

2000-2010	3.24%	-0.20%	3.95%
2010-2025	3.52%	0.02%	-0.00%
2000-2025	3.41%	-0.07%	1.56%
2025-2034	-100.00%	-100.00%	-100.00%
2000-2034	-100.00%	-100.00%	-100.00%

MAP MODEL SIMULATION		CEA01B
PREPARED FOR		CHUGACH ELECTRIC ASSOCIATION
CREATED		2001
ANCHORAGE CPI	PDANCPI	CONSUMER PRICE INDEX FOR URBAN WAGE EARNERS CPI-W -- 1982-1984 =100
ANCH/US PRICE LEVEL	PDRATIO	RATIO OF ANCHORAGE TO US AVG. PRICE LEVEL
INFLATION RATE	G.ANCPI	ANNUAL CHANGE IN CPI-W

ECONOMIC PROJECTIONS FOR ALASKA AND THE SOUTHERN RAILBELT 2000-2025

STATEWIDE ECONOMIC PROJECTIONS

LOW CASE

TABLE 1. PROJECTION SUMMARY

2001 LOW CASE

	POPULATION (000)	HOUSEHOLDS (000)	TOTAL EMPLOYMENT (000)	WAGE AND SALARY EMPLOYMENT (000)	PERSONAL INCOME (MILL 00$)	PETROLEUM REVENUES (MILL 00$)
2000	627.2	227.9	328.3	281.1	$18,658	$2,333
2001	634.6	230.9	334.5	287.1	$19,288	$2,115
2002	643.6	234.5	338.4	290.9	$18,981	$1,651
2003	649.5	237.1	340.4	293.0	$18,975	$1,490
2004	650.3	237.8	337.7	290.8	$18,798	$1,248
2005	650.2	238.1	336.4	289.8	$18,714	$1,019
2006	650.6	238.7	335.6	289.4	$18,587	$870
2007	652.4	239.6	335.7	289.7	$18,501	$723
2008	651.7	240.2	332.0	288.9	$18,308	$680
2009	653.4	240.9	331.6	289.2	$18,269	$639
2010	655.0	241.3	329.6	288.1	$18,088	$748
2011	658.6	242.0	329.6	288.2	$18,155	$705
2012	662.9	242.7	329.1	288.0	$18,228	$667
2013	669.7	244.2	330.6	289.6	$18,400	$631
2014	678.4	246.5	332.8	291.8	$18,609	$597
2015	686.8	249.2	333.6	292.8	$18,752	$563
2016	694.6	252.0	334.6	293.8	$18,920	$534
2017	703.2	255.7	336.6	295.9	$19,147	$507
2018	713.8	260.5	339.9	299.0	$19,468	$481
2019	727.1	266.5	344.5	303.5	$19,885	$457
2020	742.4	273.6	349.1	307.8	$20,323	$435
2021	757.2	280.4	351.3	310.0	$20,612	$414
2022	769.2	285.7	353.0	311.8	$20,886	$395
2023	779.2	289.8	356.1	314.8	$21,149	$376
2024	786.5	292.7	358.6	317.2	$21,340	$359
2025	790.6	294.5	359.6	318.3	$21,419	$343
2026	0.0	0.0	0.0	0.0	$0	$0
2027	0.0	0.0	0.0	0.0	$0	$0
2028	0.0	0.0	0.0	0.0	$0	$0
2029	0.0	0.0	0.0	0.0	$0	$0
2030	0.0	0.0	0.0	0.0	$0	$0
2031	0.0	0.0	0.0	0.0	$0	$0
2032	0.0	0.0	0.0	0.0	$0	$0
2033	0.0	0.0	0.0	0.0	$0	$0
2034	0.0	0.0	0.0	0.0	$0	$0

ANNUAL AVERAGE GROWTH RATE

2000-2010	0.43%	0.57%	0.04%	0.24%	-0.31%	-10.75%
2010-2025	1.26%	1.34%	0.58%	0.67%	1.13%	-5.07%
2000-2025	0.93%	1.03%	0.37%	0.50%	0.55%	-7.38%
2025-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%
2000-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%

MAP MODEL SIMULATION CEA01B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED 2001

POPULATION	POP	JULY 1 CENSUS DEFINITION
HOUSEHOLDS	HH	JULY 1 CENSUS DEFINITION
TOTAL EMPLOYMENT	EM99	INCLUDES ACTIVE DUTY MILITARY AND PROPRIETORS (OLD DEFINITION)
WAGE & SALARY EM	EM97	ALASKA DEPT OF LABOR DEFINITION
PERSONAL INCOME	DF.PIB	USDC BEA DEFINITION
PETROLEUM REVENUES	DF.RP9S	INCLUDES PERMANENT FUND CONTRIBUTION AND WINDFALLS

TABLE 2. EMPLOYMENT BY SECTOR (000)

2001 LOW CASE

	TOTAL	BASIC	INFRA-STRUCTURE	SUPPORT	STATE/ LOCAL GOVT	TOTAL ANNUAL % GROWTH
2000	328.3	89.7	41.4	142.2	55.0	2.4%
2001	334.5	90.0	42.9	145.6	56.0	1.9%
2002	338.4	90.1	43.4	148.5	56.5	1.2%
2003	340.4	90.4	43.4	149.4	57.3	0.6%
2004	337.7	90.5	41.7	146.9	58.6	-0.8%
2005	336.4	90.4	41.4	145.9	58.8	-0.4%
2006	335.6	90.4	41.3	144.9	59.0	-0.2%
2007	335.7	90.9	41.3	144.4	59.1	0.0%
2008	332.0	89.0	41.1	143.1	58.8	-1.1%
2009	331.6	89.2	41.2	142.7	58.4	-0.1%
2010	329.6	88.3	41.0	141.6	58.7	-0.6%
2011	329.6	87.8	41.2	141.6	58.9	-0.0%
2012	329.1	86.7	41.4	141.7	59.2	-0.2%
2013	330.6	86.6	41.8	142.7	59.6	0.5%
2014	332.8	86.3	42.4	144.1	60.0	0.7%
2015	333.6	85.6	43.0	145.2	59.9	0.2%
2016	334.6	85.2	43.2	146.4	59.8	0.3%
2017	336.6	84.9	43.4	147.9	60.4	0.6%
2018	339.9	84.8	44.1	150.1	60.9	1.0%
2019	344.5	84.6	45.5	153.0	61.4	1.4%
2020	349.1	84.0	47.0	156.2	61.9	1.3%
2021	351.3	83.7	47.1	158.5	62.0	0.6%
2022	353.0	83.4	46.9	160.6	62.1	0.5%
2023	356.1	83.4	47.3	162.6	62.8	0.9%
2024	358.6	83.3	47.7	164.2	63.4	0.7%
2025	359.6	82.7	47.9	164.9	64.0	0.3%
2026	0.0	0.0	0.0	0.0	0.0	0.0%
2027	0.0	0.0	0.0	0.0	0.0	0.0%
2028	0.0	0.0	0.0	0.0	0.0	0.0%
2029	0.0	0.0	0.0	0.0	0.0	0.0%
2030	0.0	0.0	0.0	0.0	0.0	0.0%
2031	0.0	0.0	0.0	0.0	0.0	0.0%
2032	0.0	0.0	0.0	0.0	0.0	0.0%
2033	0.0	0.0	0.0	0.0	0.0	0.0%
2034	0.0	0.0	0.0	0.0	0.0	0.0%

ANNUAL AVERAGE GROWTH RATE

2000-2010	0.04%	-0.16%	-0.08%	-0.04%	0.65%
2010-2025	0.58%	-0.43%	1.04%	1.02%	0.58%
2000-2025	0.37%	-0.32%	0.59%	0.60%	0.61%
2025-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%
2000-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%

MAP MODEL SIMULATION CEA01B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED 2001

TOTAL EMPLOYMENT	EM99	WAGE AND SALARY, PROPRIETORS, & ACTIVE DUTY MILITARY
BASIC	EM9BASE	BASIC CONSTRUCTION, MANUFACTURING,TRANSPORTATION, MINING, OIL, TOURISM, FEDERAL GOVT, AGRICULTURE, FORESTRY, & FISH HARVESTING
INFRASTRUCTURE	EM9INFR	NON-BASIC TRANSPORTATION, COMMUNICATIONS, PUBLIC UTILITIES, NON-BASIC CONSTRUCTION & BUSINESS SERVICES
SUPPORT	EM9SUPRT	NON BASIC TRADE AND SERVICES, FINANCE, LOCAL MANUFACTURING, AND PROPRIETORS NOT INVOLVED IN FISH HARVESTING
STATE & LOCAL	EMGA	STATE AND LOCAL GOVERNMENT

TABLE 3. BASIC INDUSTRY EMPLOYMENT (000)

2001 LOW CASE

	OIL AND GAS	MINING	SEAFOOD	TIMBER	AIR CARGO	TOURISM	MILITARY
2000	8.665	1.450	18.012	1.650	2.100	16.514	18.684
2001	8.750	1.504	18.024	1.634	2.200	17.061	18.497
2002	8.770	1.558	17.937	1.628	2.300	17.625	18.312
2003	8.690	1.562	17.758	1.622	2.400	18.208	18.129
2004	8.611	1.566	17.580	1.617	2.500	18.811	17.948
2005	8.383	1.570	17.404	1.612	2.600	19.433	17.768
2006	8.406	1.575	17.230	1.606	2.700	19.755	17.591
2007	8.479	1.679	17.058	1.591	2.800	20.083	17.415
2008	8.554	1.783	16.887	1.576	2.900	20.416	14.909
2009	8.629	1.787	16.719	1.562	3.000	20.754	14.320
2010	8.204	1.792	16.551	1.547	3.000	21.098	13.732
2011	8.231	1.646	16.386	1.533	2.910	21.273	13.594
2012	8.108	1.701	16.222	1.518	2.823	21.449	13.459
2013	8.186	1.805	16.060	1.504	2.738	21.627	13.324
2014	8.264	1.810	15.899	1.490	2.656	21.806	13.191
2015	7.844	1.814	15.740	1.476	2.576	21.987	13.059
2016	7.874	1.669	15.583	1.462	2.499	22.170	12.928
2017	7.755	1.724	15.427	1.449	2.424	22.353	12.799
2018	7.836	1.828	15.273	1.435	2.351	22.539	12.671
2019	7.918	1.833	15.120	1.422	2.281	22.726	12.544
2020	7.501	1.838	14.969	1.409	2.212	22.914	12.419
2021	7.535	1.693	14.819	1.396	2.146	23.104	12.295
2022	7.419	1.748	14.671	1.383	2.082	23.296	12.172
2023	7.504	1.853	14.524	1.370	2.019	23.489	12.050
2024	7.589	1.858	14.379	1.357	1.959	23.684	11.929
2025	7.175	1.863	14.235	1.345	1.900	23.880	11.810
2026	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2027	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2028	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2029	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2030	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2031	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2032	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2033	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2034	0.000	0.000	0.000	0.000	0.000	0.000	0.000

ANNUAL AVERAGE GROWTH RATE

2000-2010	-0.54%	2.14%	-0.84%	-0.64%	3.63%	2.48%	-3.03%
2010-2025	-0.89%	0.26%	-1.00%	-0.93%	-3.00%	0.83%	-1.00%
2000-2025	-0.75%	1.01%	-0.94%	-0.82%	-0.40%	1.49%	-1.82%
2025-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%
2000-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%

MAP MODEL SIMULATION	CEA01B
PREPARED FOR	CHUGACH ELECTRIC ASSOCIATION
CREATED	2001

OIL AND GAS	EMBASEOIL	PRODUCTION AND TRANSPORTATION
MINING	EMPMINE	WAGE AND SALARY EMPLOYMENT ONLY
SEAFOOD	EMBASEFISH	HARVESTING AND PROCESSING
TIMBER	EMBASETIMBER	HARVESTING, PROCESSING, AND PULP MANUFACTURING
AIR CARGO	EMT9XAIR	EMPLOYMENT DEPENDENT ON INTERNATIONAL CARGO
TOURISM	EMTOUR	PORTIONS OF TRADE, SERVICES, AND TRANSPORTATION
MILITARY	EMGM	ACTIVE DUTY MILITARY
FEDERAL CIVILIAN	EMGC	SEE TABLE 5

TABLE 4. PRIVATE EMPLOYMENT (000)

2001 LOW CASE

	TOTAL PRIVATE	AGRICULTURE FORESTRY FISHERIES	MINING & PETROLEUM	CONSTRUC-TION	MANUFAC-TURING	TRANSPORT COMMUN. PUB. UTILITY	OTHER
2000	237.6	10.7	9.4	15.0	14.0	27.0	161.5
2001	243.1	10.7	9.5	15.4	14.1	27.7	165.7
2002	246.9	10.6	9.6	15.9	14.1	27.7	169.0
2003	248.3	10.5	9.6	16.0	14.0	27.9	170.3
2004	244.5	10.5	9.5	15.1	13.9	27.6	168.0
2005	243.3	10.4	9.3	14.6	13.8	27.8	167.5
2006	242.5	10.3	9.3	14.6	13.7	27.9	166.7
2007	242.7	10.3	9.5	14.9	13.6	28.0	166.4
2008	241.8	10.2	9.7	15.1	13.4	28.1	165.3
2009	242.4	10.1	9.8	15.7	13.3	28.3	165.2
2010	240.8	10.1	9.3	15.5	13.2	28.4	164.2
2011	240.7	10.0	9.2	15.4	13.1	28.5	164.4
2012	240.1	10.0	9.2	14.7	13.0	28.5	164.7
2013	241.5	9.9	9.3	14.7	12.9	28.7	165.9
2014	243.4	9.9	9.4	14.8	12.9	28.9	167.6
2015	244.5	9.8	9.0	15.0	12.8	29.0	168.9
2016	245.7	9.8	8.9	14.9	12.7	29.2	170.2
2017	247.3	9.7	8.8	14.7	12.6	29.4	172.0
2018	250.2	9.7	9.0	14.8	12.5	29.7	174.5
2019	254.6	9.6	9.1	15.5	12.5	30.1	177.7
2020	258.8	9.6	8.7	16.3	12.4	30.6	181.3
2021	261.1	9.5	8.6	15.9	12.3	30.9	183.9
2022	262.8	9.5	8.5	15.2	12.2	31.2	186.3
2023	265.4	9.4	8.7	15.1	12.2	31.4	188.6
2024	267.5	9.4	8.8	15.2	12.1	31.6	190.4
2025	268.0	9.3	8.4	15.2	12.0	31.8	191.3
2026	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
2027	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
2028	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
2029	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
2030	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
2031	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
2032	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
2033	0.0	0.0	0.0	0.0	0.0	0.0	0.0%
2034	0.0	0.0	0.0	0.0	0.0	0.0	0.0%

ANNUAL AVERAGE GROWTH RATE

2000-2010	0.13%	-0.63%	-0.00%	0.37%	-0.57%	0.51%	0.16%
2010-2025	0.72%	-0.51%	-0.72%	-0.13%	-0.64%	0.76%	1.02%
2000-2025	0.48%	-0.56%	-0.43%	0.07%	-0.61%	0.66%	0.68%
2025-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%
2000-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%

MAP MODEL SIMULATION		CEA01B
PREPARED FOR		CHUGACH ELECTRIC ASSOCIATION
CREATED		2001
PRIVATE	EMPVT	ALL NON-GOVERNMENT EMPLOYMENT INCLUDING PROPRIETORS
AG, FOR, FISHERIES	EMAFF	DOL AG, FOR, FISHERIES PLUS PROPRIETORS IN FISH HARVESTING
MINING AND PETROL	EMP9	DOL MINING (INCLUDES PETROLEUM PRODUCTION)
CONSTRUCTION	EMCN	DOL CONSTRUCTION
MANUFACTURING	EMM9	DOL MANUFACTURING
TRANS, COMM, PUB UT	EMTCU	DOL TRANS, COMM, PUB, UT
OTHER	EMSUP	DOL TRADE, FINANCES, AND SERVICES PLUS PROPRIETORS NET FISH HARVESTING

TABLE 5. GOVERNMENT EMPLOYMENT (000)

2001 LOW CASE

	TOTAL GOVT	ACTIVE DUTY MILITARY	FEDERAL CIVILIAN	STATE GOVT	LOCAL GOVT
2000	90.682	18.684	17.000	21.789	33.210
2001	91.411	18.497	16.958	21.892	34.064
2002	91.532	18.312	16.715	22.002	34.502
2003	92.094	18.129	16.673	22.243	35.049
2004	93.214	17.948	16.632	22.608	36.027
2005	93.109	17.768	16.590	22.683	36.068
2006	93.133	17.591	16.549	22.790	36.204
2007	93.006	17.415	16.507	22.831	36.253
2008	90.166	14.909	16.466	22.919	35.872
2009	89.172	14.320	16.425	22.966	35.461
2010	88.815	13.732	16.384	23.060	35.640
2011	88.806	13.594	16.343	23.111	35.758
2012	88.957	13.459	16.302	23.213	35.984
2013	89.159	13.324	16.261	23.303	36.271
2014	89.406	13.191	16.220	23.395	36.599
2015	89.101	13.059	16.180	23.490	36.373
2016	88.907	12.928	16.139	23.588	36.251
2017	89.305	12.799	16.099	23.690	36.718
2018	89.642	12.671	16.059	23.756	37.156
2019	89.956	12.544	16.019	23.786	37.607
2020	90.326	12.419	15.979	23.818	38.110
2021	90.216	12.295	15.939	23.852	38.131
2022	90.197	12.172	15.899	23.891	38.236
2023	90.709	12.050	15.859	23.936	38.864
2024	91.167	11.929	15.820	23.988	39.430
2025	91.604	11.810	15.780	24.046	39.968
2026	0.000	0.000	0.000	0.000	0.000
2027	0.000	0.000	0.000	0.000	0.000
2028	0.000	0.000	0.000	0.000	0.000
2029	0.000	0.000	0.000	0.000	0.000
2030	0.000	0.000	0.000	0.000	0.000
2031	0.000	0.000	0.000	0.000	0.000
2032	0.000	0.000	0.000	0.000	0.000
2033	0.000	0.000	0.000	0.000	0.000
2034	0.000	0.000	0.000	0.000	0.000

ANNUAL AVERAGE GROWTH RATE

2000-2010	-0.21%	-3.03%	-0.37%	0.57%	0.71%
2010-2025	0.21%	-1.00%	-0.25%	0.28%	0.77%
2000-2025	0.04%	-1.82%	-0.30%	0.40%	0.74%
2025-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%
2000-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%

MAP MODEL SIMULATION CEA01B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED 2001

TOTAL	EMG9	TOTAL
MILITARY	EMGM	ACTIVE DUTY MILITARY
FEDERAL CIVILIAN	EMGC	FEDERAL CIVILIAN
STATE	EMGS	STATE (INCLUDES UNIVERSITY OF ALASKA)
LOCAL	EMGL	LOCAL

TABLE 6. POPULATION CHANGE (000)

2001 LOW CASE

	POPULATION	TOTAL ANNUAL CHANGE	NATURAL INCREASE	NON-MILITARY MIGRATION	MILITARY MIGRATION
2000	627.216	5.216	7.510	-1.477	0.726
2001	634.574	7.358	7.944	0.681	-1.268
2002	643.646	9.072	8.477	1.849	-1.255
2003	649.550	5.904	9.059	-1.914	-1.243
2004	650.341	0.791	9.504	-7.483	-1.230
2005	650.188	-0.152	9.738	-8.674	-1.218
2006	650.629	0.441	9.894	-8.249	-1.206
2007	652.409	1.780	10.019	-7.046	-1.194
2008	651.733	-0.677	10.030	-3.914	-6.793
2009	653.407	1.675	10.173	-6.429	-2.071
2010	655.027	1.619	10.182	-6.522	-2.043
2011	658.551	3.524	10.162	-5.707	-0.932
2012	662.940	4.389	10.128	-4.818	-0.923
2013	669.675	6.735	10.090	-2.443	-0.913
2014	678.441	8.766	10.109	-0.441	-0.904
2015	686.826	8.385	10.183	-0.905	-0.895
2016	694.602	7.776	10.238	-1.578	-0.886
2017	703.236	8.634	10.264	-0.755	-0.877
2018	713.820	10.585	10.298	1.153	-0.869
2019	727.063	13.243	10.356	3.744	-0.860
2020	742.441	15.378	10.440	5.787	-0.851
2021	757.194	14.753	10.528	5.066	-0.843
2022	769.241	12.047	10.619	2.260	-0.834
2023	779.231	9.991	10.777	0.038	-0.826
2024	786.496	7.264	11.021	-2.941	-0.818
2025	790.574	4.078	11.249	-6.364	-0.810
2026	0.000	0.000	0.000	0.000	0.000
2027	0.000	0.000	0.000	0.000	0.000
2028	0.000	0.000	0.000	0.000	0.000
2029	0.000	0.000	0.000	0.000	0.000
2030	0.000	0.000	0.000	0.000	0.000
2031	0.000	0.000	0.000	0.000	0.000
2032	0.000	0.000	0.000	0.000	0.000
2033	0.000	0.000	0.000	0.000	0.000
2034	0.000	0.000	0.000	0.000	0.000

ANNUAL AVERAGE GROWTH RATE

2000-2010	0.43%	-11.04%	3.09%	16.01%	ERR
2010-2025	1.26%	6.35%	0.67%	-0.16%	-5.98%
2000-2025	0.93%	-0.98%	1.63%	6.02%	ERR
2025-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%
2000-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%

MAP MODEL SIMULATION CEA01B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED 2001

POPULATION	POP	JULY 1 CENSUS DEFINITION
ANNUAL CHANGE	DELPOP	YEAR TO YEAR CHANGE IN JULY 1 POPULATION
NATURAL INCREASE	POPNI9	CIVILIAN NON-NATIVE PLUS NATIVE PLUS MILITARY
NON-MIL MIGRATION	POPMIG	MIGRATION NET MILITARY MIGRATION
MILITARY MIGRATION	POPMIGM	INCLUDES ACTIVE DUTY MILITARY AND DEPENDENTS

TABLE 7. POPULATION COMPONENTS (000)

2001 LOW CASE

	TOTAL POPULATION	CIVILIAN NON-NATIVE	NATIVE	MILITARY
2000	627.216	474.126	107.301	45.789
2001	634.574	479.316	109.926	45.331
2002	643.646	486.137	112.631	44.878
2003	649.550	489.707	115.413	44.429
2004	650.341	488.083	118.273	43.985
2005	650.188	485.434	121.209	43.545
2006	650.629	483.302	124.218	43.110
2007	652.409	482.433	127.298	42.679
2008	651.733	484.746	130.449	36.538
2009	653.407	484.643	133.670	35.094
2010	655.027	484.411	136.962	33.653
2011	658.551	484.908	140.327	33.316
2012	662.940	486.192	143.765	32.983
2013	669.675	489.741	147.281	32.653
2014	678.441	495.236	150.878	32.327
2015	686.826	500.261	154.561	32.003
2016	694.602	504.585	158.334	31.683
2017	703.236	509.668	162.201	31.367
2018	713.820	516.599	166.169	31.053
2019	727.063	526.079	170.242	30.742
2020	742.441	537.581	174.425	30.435
2021	757.194	548.339	178.724	30.131
2022	769.241	556.266	183.145	29.829
2023	779.231	562.009	187.692	29.531
2024	786.496	564.890	192.369	29.236
2025	790.574	564.447	197.183	28.943
2026	0.000	0.000	0.000	0.000
2027	0.000	0.000	0.000	0.000
2028	0.000	0.000	0.000	0.000
2029	0.000	0.000	0.000	0.000
2030	0.000	0.000	0.000	0.000
2031	0.000	0.000	0.000	0.000
2032	0.000	0.000	0.000	0.000
2033	0.000	0.000	0.000	0.000
2034	0.000	0.000	0.000	0.000

ANNUAL AVERAGE GROWTH RATE

2000-2010	0.43%	0.21%	2.47%	-3.03%
2010-2025	1.26%	1.02%	2.46%	-1.00%
2000-2025	0.93%	0.70%	2.46%	-1.82%
2025-2034	-100.00%	-100.00%	-100.00%	-100.00%
2000-2034	-100.00%	-100.00%	-100.00%	-100.00%

MAP MODEL SIMULATION		CEA01B
PREPARED FOR		CHUGACH ELECTRIC ASSOCIATION
CREATED		2001
POPULATION	POP	JULY1 CENSUS DEFINITION
CIVILIAN NON NATIVE	CNNTOT	TOTAL MINUS NATIVE AND MILITARY
NATIVE	NATTOT	ALASKA DEPT OF LABOR DEFINITION
MILITARY	MILTOT	ACTIVE DUTY PLUS DEPENDENTS

TABLE 8. STATE PETROLEUM REVENUES
(MILL 00$)

2001 LOW CASE

	TOTAL	PROPERTY TAX	CORPORATE INCOME TAX	SEVERANCE TAX	ROYALTY (GF + PF)	RENTS AND BONUSES
2000	$1,885	$45	$163	$703	$974	$0
2001	$2,071	$44	$268	$693	$1,067	$0
2002	$1,556	$41	$190	$500	$825	$0
2003	$1,397	$38	$177	$425	$758	$0
2004	$1,202	$35	$164	$337	$666	$0
2005	$975	$33	$144	$274	$524	$0
2006	$826	$30	$126	$222	$448	$0
2007	$681	$28	$111	$174	$368	$0
2008	$638	$26	$98	$160	$355	$0
2009	$598	$24	$86	$149	$340	$0
2010	$709	$22	$75	$209	$402	$0
2011	$666	$20	$66	$200	$381	$0
2012	$629	$19	$58	$191	$361	$0
2013	$594	$18	$51	$182	$343	$0
2014	$561	$16	$45	$174	$326	$0
2015	$528	$15	$40	$164	$309	$0
2016	$500	$14	$35	$157	$294	$0
2017	$473	$13	$31	$150	$279	$0
2018	$448	$12	$27	$144	$265	$0
2019	$425	$11	$24	$138	$252	$0
2020	$403	$10	$21	$132	$240	$0
2021	$383	$10	$18	$127	$228	$0
2022	$365	$10	$16	$122	$217	$0
2023	$347	$9	$14	$117	$207	$0
2024	$331	$9	$13	$112	$197	$0
2025	$315	$9	$11	$108	$187	$0
2026	$0	$0	$0	$0	$0	$0
2027	$0	$0	$0	$0	$0	$0
2028	$0	$0	$0	$0	$0	$0
2029	$0	$0	$0	$0	$0	$0
2030	$0	$0	$0	$0	$0	$0
2031	$0	$0	$0	$0	$0	$0
2032	$0	$0	$0	$0	$0	$0
2033	$0	$0	$0	$0	$0	$0
2034	$0	$0	$0	$0	$0	$0

ANNUAL AVERAGE GROWTH RATE

2000-2010	-9.32%	-6.88%	-7.42%	-11.40%	-8.47%	ERR
2010-2025	-5.26%	-5.83%	-12.03%	-4.34%	-4.96%	ERR
2000-2025	-6.91%	-6.25%	-10.21%	-7.23%	-6.38%	ERR
2025-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	ERR
2000-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	ERR

MAP MODEL SIMULATION CEA01B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED 2001

PROPERTY TAX
CORPORATE INCOME TAX
SEVERANCE TAX
ROYALTY
RENTS AND BONUSES

TABLE 9. STATE UNRESTRICTED GENERAL FUND
(MILL 00$)

2001 LOW CASE

	EXPENDI-TURES	TOTAL REVENUES (excludes ER draw)	PETROLEUM	ENDOG-ENOUS	USE OF INVESTMENT INCOME		
					GENERAL FUND	PERMANENT FUND	CONST RESERVE
2000	$2,430	$2,467	$1,641	$354	$58	$0	$414
2001	$2,357	$2,345	$1,804	$366	$58	$0	$117
2002	$2,310	$2,291	$1,350	$369	$50	$0	$522
2003	$2,325	$1,860	$1,208	$365	$49	$31	$208
2004	$2,331	$1,907	$1,036	$625	$47	$128	$72
2005	$2,330	$2,062	$844	$847	$45	$255	$72
2006	$2,329	$2,061	$714	$840	$45	$390	$72
2007	$2,327	$2,059	$589	$833	$47	$519	$72
2008	$2,326	$2,120	$550	$829	$49	$579	$113
2009	$2,325	$2,163	$513	$826	$49	$642	$133
2010	$2,324	$2,259	$608	$821	$49	$709	$72
2011	$2,323	$2,284	$571	$815	$47	$709	$142
2012	$2,308	$2,308	$539	$813	$47	$712	$199
2013	$2,301	$2,301	$508	$811	$46	$717	$219
2014	$2,299	$2,299	$480	$815	$45	$722	$239
2015	$2,304	$2,304	$451	$817	$43	$726	$267
2016	$2,309	$2,309	$426	$819	$42	$730	$292
2017	$2,303	$2,303	$403	$823	$41	$734	$301
2018	$2,275	$2,275	$382	$831	$40	$738	$284
2019	$2,259	$2,259	$362	$842	$39	$742	$274
2020	$2,262	$2,262	$343	$854	$39	$745	$281
2021	$2,268	$2,268	$326	$862	$38	$821	$221
2022	$2,259	$2,259	$310	$868	$37	$825	$219
2023	$2,246	$2,246	$295	$875	$36	$829	$210
2024	$2,232	$2,232	$281	$880	$35	$833	$203
2025	$2,219	$2,219	$268	$880	$34	$836	$200
2026	$0	$0	$0	$0	$0	$0	$0
2027	$0	$0	$0	$0	$0	$0	$0
2028	$0	$0	$0	$0	$0	$0	$0
2029	$0	$0	$0	$0	$0	$0	$0
2030	$0	$0	$0	$0	$0	$0	$0
2031	$0	$0	$0	$0	$0	$0	$0
2032	$0	$0	$0	$0	$0	$0	$0
2033	$0	$0	$0	$0	$0	$0	$0
2034	$0	$0	$0	$0	$0	$0	$0

ANNUAL AVERAGE GROWTH RATE

2000-2010	-0.45%	-0.88%	-9.45%	8.79%	-1.79%	ERR	-16.04%
2010-2025	-0.31%	-0.12%	-5.31%	0.46%	-2.31%	1.11%	7.06%
2000-2025	-0.36%	-0.42%	-6.99%	3.71%	-2.10%	ERR	-2.86%
2025-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%
2000-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	ERR	-100.00%

MAP MODEL SIMULATION		CEA01B
PREPARED FOR		CHUGACH ELECTRIC ASSOCIATION
CREATED		2001
EXPENDITURES	DF.EXGFB	UNRESTRICTED GENERAL FUND
TOTAL REVENUES	DF.RSGFB	UNRESTRICTED GENERAL FUND--EXCLUDING DRAW FROM ER BALANCE
PETROLEUM REV	DF.RP9SG	EXCLUDES STATUTORY PERMANENT FUND CONTRIBUTION & CBR CONTRIBUTION
ENDOGENOUS REV	DF.RSENG	TOTAL NET OF PETROLEUM AND INVESTMENT EARNINGS
GF INVESTMENT EARN	DF.RSIG	GENERAL FUND INVESTMENT EARNINGS
PF INVESTMENT EARN	DF.RSIPG	PERMANENT FUND AND EARNINGS RESERVE EARNINGS TRANSFERRED TO GF
CBR INVESTMENT EARN	DF.CBR	CBR INVESTMENT EARNINGS TRANSFERRED TO GR (PLUS AGENCY TRANSFER)

TABLE 10. STATE GOVERNMENT VARIABLES
(MILL 00$)

2001 LOW CASE

	GENERAL FUND TOTAL	COMPOSITION			ITEM: PERM FUND DIVIDEND APPROP	ITEM: LOCAL GOVT TRANSFERS	ITEM: PERSONAL INCOME TAX
		TOTAL OPERATING	CAPITAL	DEBT SERVICE			
2000	$2,430	$2,160	$240	$30	$1,184	$974	$0
2001	$2,357	$2,101	$233	$23	$1,125	$972	$0
2002	$2,310	$2,054	$228	$28	$1,048	$972	$0
2003	$2,329	$2,054	$228	$46	$925	$983	$0
2004	$2,335	$2,054	$228	$53	$815	$989	$265
2005	$2,334	$2,054	$228	$51	$661	$995	$492
2006	$2,332	$2,054	$228	$50	$508	$1,000	$489
2007	$2,331	$2,054	$228	$49	$359	$1,004	$484
2008	$2,330	$2,054	$228	$47	$284	$1,009	$483
2009	$2,329	$2,054	$228	$46	$211	$1,013	$482
2010	$2,328	$2,054	$228	$45	$140	$1,019	$479
2011	$2,327	$2,054	$228	$44	$139	$1,024	$475
2012	$2,312	$2,054	$228	$30	$139	$1,030	$474
2013	$2,304	$2,054	$228	$22	$139	$1,037	$474
2014	$2,303	$2,054	$228	$21	$140	$1,044	$477
2015	$2,308	$2,054	$228	$25	$140	$1,052	$478
2016	$2,313	$2,054	$228	$30	$141	$1,059	$480
2017	$2,306	$2,054	$228	$24	$142	$1,066	$483
2018	$2,278	$2,043	$227	$9	$143	$1,072	$488
2019	$2,262	$2,031	$226	$5	$143	$1,077	$496
2020	$2,265	$2,020	$224	$21	$144	$1,084	$505
2021	$2,271	$2,008	$223	$39	$72	$1,090	$511
2022	$2,261	$1,997	$222	$42	$73	$1,096	$515
2023	$2,248	$1,986	$221	$41	$73	$1,101	$520
2024	$2,235	$1,975	$219	$40	$74	$1,106	$524
2025	$2,222	$1,964	$218	$40	$74	$1,110	$524
2026	$0	$0	$0	$0	$0	$0	$0
2027	$0	$0	$0	$0	$0	$0	$0
2028	$0	$0	$0	$0	$0	$0	$0
2029	$0	$0	$0	$0	$0	$0	$0
2030	$0	$0	$0	$0	$0	$0	$0
2031	$0	$0	$0	$0	$0	$0	$0
2032	$0	$0	$0	$0	$0	$0	$0
2033	$0	$0	$0	$0	$0	$0	$0
2034	$0	$0	$0	$0	$0	$0	$0

ANNUAL AVERAGE GROWTH RATE

2000-2010	-0.43%	-0.50%	-0.50%	4.06%	-19.24%	0.45%
2010-2025	-0.31%	-0.30%	-0.30%	-0.90%	-4.16%	0.57%
2000-2025	-0.36%	-0.38%	-0.38%	1.06%	-10.50%	0.52%
2025-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%
2000-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%

MAP MODEL SIMULATION CEA01B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED 2001

TOTAL	DF.APGF	TOTAL GENERAL FUND APPROPRIATIONS
OPERATING	DF.APGFO	OPERATIONS
CAPITAL	DF.APGFC	CAPITAL
DEBT SERVICE	DF.EXDSS	GENERAL OBLIGATION DEBT OF STATE
PERM FUND DIVIDEND	DF.EXTRN	PERMANENT FUND DIVIDEND ACCOUNT
LOCAL GOVT TRANS	DF.RLT99	LOCAL GOVERNMENT TRANSFERS FROM STATE GENERAL FUND

TABLE 11. PERMANENT FUND
(MILL 00$)

2001 LOW CASE

	STATUTORY NET INCOME	USE OF EARNINGS			FUND ADDITIONS		END OF YEAR FUND BALANCE
		INFLATION PROOFING	GENERAL FUND	DIVIDEND ACCOUNT	PETROLEUM FORMULA BASED	SPECIAL APPRO-PRIATION	
2000	$2,260	$570	$0	$1,184	$311	$0	$20,162
2001	$1,507	$588	$0	$1,125	$267	$0	$20,469
2002	$1,468	$500	$0	$1,048	$206	$0	$20,716
2003	$1,473	$506	$31	$925	$189	$0	$20,947
2004	$1,454	$512	$128	$815	$166	$0	$21,154
2005	$1,432	$516	$255	$661	$131	$0	$21,285
2006	$1,418	$520	$390	$508	$112	$0	$21,440
2007	$1,401	$523	$519	$359	$92	$0	$21,532
2008	$1,390	$526	$579	$284	$89	$0	$21,663
2009	$1,382	$528	$642	$211	$85	$0	$21,748
2010	$1,380	$532	$709	$140	$100	$0	$21,892
2011	$1,381	$534	$709	$139	$95	$0	$21,987
2012	$1,388	$537	$712	$139	$90	$0	$22,122
2013	$1,397	$541	$717	$139	$86	$0	$22,252
2014	$1,405	$544	$722	$140	$81	$0	$22,378
2015	$1,413	$547	$726	$140	$77	$0	$22,501
2016	$1,421	$550	$730	$141	$73	$0	$22,620
2017	$1,429	$553	$734	$142	$70	$0	$22,735
2018	$1,436	$556	$738	$143	$66	$0	$22,848
2019	$1,444	$558	$742	$143	$63	$0	$22,958
2020	$1,451	$561	$745	$144	$60	$0	$23,065
2021	$1,458	$564	$821	$72	$57	$0	$23,170
2022	$1,464	$566	$825	$73	$54	$0	$23,272
2023	$1,471	$569	$829	$73	$52	$0	$23,371
2024	$1,477	$571	$833	$74	$49	$0	$23,469
2025	$1,484	$574	$836	$74	$47	$0	$23,564
2026	$0	$0	$0	$0	$0	$0	$0
2027	$0	$0	$0	$0	$0	$0	$0
2028	$0	$0	$0	$0	$0	$0	$0
2029	$0	$0	$0	$0	$0	$0	$0
2030	$0	$0	$0	$0	$0	$0	$0
2031	$0	$0	$0	$0	$0	$0	$0
2032	$0	$0	$0	$0	$0	$0	$0
2033	$0	$0	$0	$0	$0	$0	$0
2034	$0	$0	$0	$0	$0	$0	$0

ANNUAL AVERAGE GROWTH RATE

2000-2010	-4.81%	-0.70%	ERR	-19.24%	-10.69%	ERR	0.83%
2010-2025	0.48%	0.51%	1.11%	-4.16%	-4.96%	ERR	0.49%
2000-2025	-1.67%	0.02%	ERR	-10.50%	-7.29%	ERR	0.63%
2025-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	ERR	-100.00%
2000-2034	-100.00%	-100.00%	ERR	-100.00%	-100.00%	ERR	-100.00%

MAP MODEL SIMULATION CEA01B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED 2001

EARNINGS	DF.RSIP	TOTAL REALIZED EARNINGS
INFLATION PROOFING	DF.RSIPP	EARNINGS APPROPRIATED INTO PERMANENT FUND
GENERAL FUND CONT	DF.RSIPG	EARNINGS APPROPRIATED TO GENERAL FUND
PERM FUND DIVIDEND	DF.EXTRN	EARNINGS APPROPRIATED TO DIVIDEND ACCOUNT
FORMULA-BASED	DF.RP7SP	CONSTITUTIONALLY MANDATED PETROLEUM REVENUES
SPECIAL APPROP	DF.XPFCX	APPROPRIATIONS TO PF FROM GF
FUND BALANCE	DF.BALPF	EXCLUDES EARNINGS RESERVE

TABLE 12. CONSTITUTIONAL BUDGET RESERVE
(MILL 00$)

2001 LOW CASE

	CBR DRAW + AGENCY DIVIDEND	YEAR END CBR BALANCE
2000	$414	$2,741
2001	$117	$2,854
2002	$522	$2,588
2003	$208	$2,626
2004	$72	$2,753
2005	$72	$2,878
2006	$72	$3,012
2007	$72	$3,142
2008	$113	$3,241
2009	$133	$3,315
2010	$72	$3,459
2011	$142	$3,529
2012	$199	$3,550
2013	$219	$3,552
2014	$239	$3,533
2015	$267	$3,484
2016	$292	$3,408
2017	$301	$3,321
2018	$284	$3,247
2019	$274	$3,180
2020	$281	$3,104
2021	$221	$3,084
2022	$219	$3,066
2023	$210	$3,055
2024	$203	$3,050
2025	$200	$3,048
2026	$0	$0
2027	$0	$0
2028	$0	$0
2029	$0	$0
2030	$0	$0
2031	$0	$0
2032	$0	$0
2033	$0	$0
2034	$0	$0

ANNUAL AVERAGE GROWTH RATE

2000-2010	-16.04%	2.35%
2010-2025	7.06%	-0.84%
2000-2025	-2.86%	0.42%
2025-2034	-100.00%	-100.00%
2000-2034	-100.00%	-100.00%

MAP MODEL SIMULATION CEA01B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED 2001

CBR DRAW ANNUAL TRANSFER TO GENERAL FUND
CBR BALANCE YEAR END BALANCE

TABLE 13. LOCAL GOVERNMENT REVENUES
(MILL 00$)

2001 LOW CASE

	TOTAL GENERAL REVENUE	INTERGOVERNMENTAL			TAXES: OTHER PROPERTY	TAXES: NON-PROPERTY	CHARGES & MISC (000)
		STATE TRANSFERS	FEDERAL TRANSFERS	PETROLEUM PROPERTY			
2000	$2,678	$974	$130	$220	$433	$160	$760
2001	$2,723	$972	$132	$214	$485	$162	$758
2002	$2,719	$972	$133	$200	$494	$170	$751
2003	$2,773	$983	$134	$186	$559	$167	$744
2004	$2,752	$989	$136	$173	$550	$167	$737
2005	$2,736	$995	$137	$160	$549	$165	$730
2006	$2,720	$1,000	$138	$148	$545	$165	$724
2007	$2,704	$1,004	$139	$136	$544	$164	$716
2008	$2,697	$1,009	$141	$129	$541	$164	$713
2009	$2,682	$1,013	$142	$118	$539	$162	$707
2010	$2,669	$1,019	$143	$108	$534	$163	$702
2011	$2,657	$1,024	$144	$98	$534	$161	$696
2012	$2,653	$1,030	$146	$92	$530	$162	$694
2013	$2,659	$1,037	$147	$86	$534	$163	$692
2014	$2,660	$1,044	$149	$77	$538	$165	$687
2015	$2,671	$1,052	$150	$72	$544	$168	$686
2016	$2,682	$1,059	$151	$67	$551	$169	$684
2017	$2,692	$1,066	$153	$62	$557	$171	$682
2018	$2,702	$1,072	$154	$58	$563	$174	$681
2019	$2,715	$1,077	$156	$53	$572	$177	$680
2020	$2,733	$1,084	$158	$49	$583	$181	$678
2021	$2,759	$1,090	$159	$48	$597	$186	$679
2022	$2,784	$1,096	$161	$47	$612	$189	$680
2023	$2,804	$1,101	$162	$46	$622	$192	$680
2024	$2,823	$1,106	$164	$45	$632	$195	$681
2025	$2,840	$1,110	$165	$44	$641	$197	$682
2026	$0	$0	$0	$0	$0	$0	$0
2027	$0	$0	$0	$0	$0	$0	$0
2028	$0	$0	$0	$0	$0	$0	$0
2029	$0	$0	$0	$0	$0	$0	$0
2030	$0	$0	$0	$0	$0	$0	$0
2031	$0	$0	$0	$0	$0	$0	$0
2032	$0	$0	$0	$0	$0	$0	$0
2033	$0	$0	$0	$0	$0	$0	$0
2034	$0	$0	$0	$0	$0	$0	$0

ANNUAL AVERAGE GROWTH RATE

2000-2010	-0.03%	0.45%	0.94%	-6.88%	2.13%	0.16%	-0.80%
2010-2025	0.42%	0.57%	0.97%	-5.83%	1.22%	1.29%	-0.19%
2000-2025	0.24%	0.52%	0.96%	-6.25%	1.59%	0.83%	-0.43%
2025-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%
2000-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%

MAP MODEL SIMULATION CEA01B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED 2001

GENERAL REVENUE	DF.RL99	TOTAL
STATE TRANSFERS	DF.RLT99	TRANSFERS FROM STATE GOVERNMENT
FEDERAL TRANSFERS	DF.RLTF	TRANSFERS DIRECTLY FROM FEDERAL GOVERNMENT
PETROL PROP TAX	DF.RLPTP	LOCAL SHARE OF STATE ADMINISTERED TAX
OTHER PROP TAX	DF.RLPTN	NON-PETROLEUM PROPERTY
OTHER TAXES	DF.RLOT	OTHER TAXES
CHARGES & MISC	DF.RLMC	INCLUDES REVENUES TO SERVICE BONDS

TABLE 14. REAL PERSONAL INCOME
(MILL 00$)

2001 LOW CASE

	WAGE AND SALARY PAYMENTS	NET EARNINGS	RESIDENCE ADJUSTMENT	DIVIDENDS, INTEREST, RENT	TRANSFERS	TOTAL PERSONAL INCOME	DISPOSABLE PERSONAL INCOME
2000	$10,587	$12,831	$796	$3,462	$2,914	$18,658	$16,230
2001	$10,746	$13,002	$809	$3,552	$3,297	$19,288	$16,753
2002	$10,813	$13,073	$815	$3,644	$2,834	$18,981	$16,484
2003	$10,835	$13,093	$817	$3,719	$2,738	$18,975	$16,466
2004	$10,720	$12,959	$808	$3,766	$2,642	$18,798	$15,929
2005	$10,660	$12,884	$803	$3,801	$2,597	$18,714	$15,842
2006	$10,633	$12,846	$802	$3,846	$2,464	$18,587	$15,722
2007	$10,644	$12,848	$807	$3,893	$2,337	$18,501	$15,636
2008	$10,500	$12,682	$813	$3,933	$2,279	$18,308	$15,459
2009	$10,495	$12,667	$834	$3,980	$2,232	$18,269	$15,414
2010	$10,400	$12,556	$828	$4,036	$2,104	$18,088	$15,253
2011	$10,379	$12,526	$823	$4,095	$2,139	$18,155	$15,301
2012	$10,321	$12,459	$792	$4,169	$2,177	$18,228	$15,356
2013	$10,362	$12,498	$795	$4,260	$2,225	$18,400	$15,491
2014	$10,415	$12,552	$800	$4,365	$2,280	$18,609	$15,657
2015	$10,402	$12,535	$799	$4,469	$2,339	$18,752	$15,770
2016	$10,405	$12,534	$800	$4,571	$2,407	$18,920	$15,900
2017	$10,441	$12,570	$803	$4,681	$2,494	$19,147	$16,080
2018	$10,526	$12,661	$811	$4,806	$2,608	$19,468	$16,337
2019	$10,649	$12,795	$821	$4,951	$2,758	$19,885	$16,672
2020	$10,740	$12,896	$829	$5,113	$2,941	$20,323	$17,026
2021	$10,768	$12,927	$832	$5,275	$3,043	$20,612	$17,252
2022	$10,786	$12,945	$833	$5,420	$3,157	$20,886	$17,468
2023	$10,864	$13,029	$840	$5,553	$3,212	$21,149	$17,677
2024	$10,923	$13,092	$845	$5,669	$3,231	$21,340	$17,825
2025	$10,913	$13,079	$845	$5,764	$3,229	$21,419	$17,882
2026	$0	$0	$0	$0	$0	$0	$0
2027	$0	$0	$0	$0	$0	$0	$0
2028	$0	$0	$0	$0	$0	$0	$0
2029	$0	$0	$0	$0	$0	$0	$0
2030	$0	$0	$0	$0	$0	$0	$0
2031	$0	$0	$0	$0	$0	$0	$0
2032	$0	$0	$0	$0	$0	$0	$0
2033	$0	$0	$0	$0	$0	$0	$0
2034	$0	$0	$0	$0	$0	$0	$0

ANNUAL AVERAGE GROWTH RATE

2000-2010	-0.18%	-0.22%	0.40%	1.54%	-3.21%	-0.31%	-0.62%
2010-2025	0.20%	0.13%	0.40%	3.46%	0.69%	0.92%	0.65%
2000-2025	0.12%	0.08%	0.24%	2.06%	0.41%	0.55%	0.39%
2025-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%
2000-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%

MAP MODEL SIMULATION CEA01B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED 2001

WAGE AND SALARIES	DF.PIWS	NON-AGRICULTURAL WAGES AND SALARIES PLUS MILITARY
NET EARNINGS	DF.PINE	NET LABOR AND PROPRIETORS INCOME BY PLACE OF WORK
RESIDENCE ADJ	DF.PIRAD	RESIDENCE ADJUSTMENT
DIVIDEND, INTEREST	DF.PIDIR	DIVIDENDS, INTEREST, RENTS
TRANSFERS	DF.PITRAN	TRANSFERS
TOTAL PI	DF.PIB	TOTAL PERSONAL INCOME
DISPOSABLE PI	DF.DPIB	DISPOSABLE PERSONAL INCOME

TABLE 15. PER CAPITA VARIABLES
(2000 $)

2001 LOW CASE

	TOTAL INCOME	DISPOSABLE INCOME	STATE GENERAL FUND EXPENDITURES	LOCAL REVENUES (= EXPEND)	PERMANENT FUND DIVIDEND	AVERAGE CIVILIAN WAGE RATE	PERMANENT FUND BALANCE
2000	$29,747	$25,876	$3,875	$4,269	$1,887	$33,392	$32,145
2001	$30,395	$26,400	$3,715	$4,291	$1,772	$33,291	$32,256
2002	$29,490	$25,611	$3,589	$4,224	$1,628	$33,115	$32,185
2003	$29,213	$25,350	$3,580	$4,269	$1,425	$32,994	$32,248
2004	$28,905	$24,493	$3,585	$4,231	$1,253	$32,892	$32,528
2005	$28,783	$24,366	$3,583	$4,208	$1,017	$32,832	$32,737
2006	$28,568	$24,165	$3,579	$4,180	$781	$32,828	$32,952
2007	$28,358	$23,966	$3,567	$4,144	$551	$32,866	$33,003
2008	$28,091	$23,720	$3,569	$4,138	$436	$32,919	$33,240
2009	$27,959	$23,590	$3,558	$4,104	$323	$32,982	$33,284
2010	$27,614	$23,286	$3,548	$4,074	$213	$32,894	$33,422
2011	$27,568	$23,234	$3,527	$4,034	$211	$32,833	$33,387
2012	$27,496	$23,163	$3,482	$4,002	$209	$32,694	$33,369
2013	$27,476	$23,132	$3,436	$3,971	$208	$32,678	$33,228
2014	$27,428	$23,077	$3,389	$3,921	$206	$32,642	$32,985
2015	$27,303	$22,960	$3,355	$3,889	$204	$32,521	$32,760
2016	$27,238	$22,891	$3,324	$3,861	$203	$32,443	$32,565
2017	$27,227	$22,866	$3,274	$3,828	$202	$32,367	$32,330
2018	$27,273	$22,886	$3,188	$3,785	$200	$32,335	$32,008
2019	$27,350	$22,931	$3,107	$3,734	$197	$32,293	$31,576
2020	$27,374	$22,933	$3,047	$3,681	$194	$32,158	$31,067
2021	$27,221	$22,784	$2,996	$3,644	$96	$32,049	$30,599
2022	$27,151	$22,709	$2,936	$3,619	$95	$31,949	$30,253
2023	$27,141	$22,685	$2,882	$3,598	$94	$31,918	$29,993
2024	$27,133	$22,663	$2,838	$3,589	$93	$31,882	$29,839
2025	$27,092	$22,619	$2,807	$3,592	$93	$31,768	$29,806
2026	$0	$0	$0	$0	$0	$0	$0
2027	$0	$0	$0	$0	$0	$0	$0
2028	$0	$0	$0	$0	$0	$0	$0
2029	$0	$0	$0	$0	$0	$0	$0
2030	$0	$0	$0	$0	$0	$0	$0
2031	$0	$0	$0	$0	$0	$0	$0
2032	$0	$0	$0	$0	$0	$0	$0
2033	$0	$0	$0	$0	$0	$0	$0
2034	$0	$0	$0	$0	$0	$0	$0

ANNUAL AVERAGE GROWTH RATE

2000-2010	-0.74%	-1.05%	-0.88%	-0.47%	-19.59%	-0.15%	0.39%
2010-2025	-0.13%	-0.19%	-1.55%	-0.84%	-5.35%	-0.23%	-0.76%
2000-2025	-0.37%	-0.54%	-1.28%	-0.69%	-11.33%	-0.20%	-0.30%
2025-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%
2000-2034	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%	-100.00%

MAP MODEL SIMULATION		CEA01B
PREPARED FOR		CHUGACH ELECTRIC ASSOCIATION
CREATED		2001
TOTAL INCOME	DP.PIB	PER CAPITA PERSONAL INCOME
DISPOSABLE INCOME	DP.DPIB	PER CAPITA DISPOSABLE PERSONAL INCOME
GENERAL FUND EX	DP.EXGFB	PER CAPITA GENERAL FUND EXPENDITURES
PERM FUND DIVIDEND	DP.EXTRN	PER CAPITA DIVIDEND (NOT ALL ALASKANS RECEIVE DIVIDEND)
AVG CIV WAGE RATE	DF.WR97	AVERAGE ANNUAL CIVILIAN WAGE
PERM FUND BALANCE	DP.BALPF	PER CAPITA YEAR END PERMANENT FUND BALANCE

TABLE 16. PRICE INDEXES

2001 LOW CASE

	ANCHORAGE CPI-W (000)	ANCHORAGE/ US AVERAGE PRICE LEVEL	INFLATION RATE ANCH CPI-W
2000	151.1	1.12	2.2%
2001	155.3	1.11	2.8%
2002	158.9	1.11	2.3%
2003	162.5	1.11	2.3%
2004	166.3	1.11	2.3%
2005	170.4	1.11	2.5%
2006	174.3	1.11	2.3%
2007	178.7	1.11	2.5%
2008	182.8	1.10	2.3%
2009	187.4	1.10	2.5%
2010	191.7	1.10	2.3%
2011	196.5	1.10	2.5%
2012	201.0	1.10	2.3%
2013	205.6	1.10	2.3%
2014	210.3	1.09	2.3%
2015	215.1	1.09	2.3%
2016	220.1	1.09	2.3%
2017	225.1	1.09	2.3%
2018	230.3	1.09	2.3%
2019	235.5	1.08	2.3%
2020	240.9	1.08	2.3%
2021	246.5	1.08	2.3%
2022	252.1	1.08	2.3%
2023	257.9	1.07	2.3%
2024	263.8	1.07	2.3%
2025	269.8	1.07	2.3%
2026	0.0	0.00	0.0%
2027	0.0	0.00	0.0%
2028	0.0	0.00	0.0%
2029	0.0	0.00	0.0%
2030	0.0	0.00	0.0%
2031	0.0	0.00	0.0%
2032	0.0	0.00	0.0%
2033	0.0	0.00	0.0%
2034	0.0	0.00	0.0%

ANNUAL AVERAGE GROWTH RATE

2000-2010	2.41%	-0.14%	0.28%
2010-2025	2.31%	-0.19%	-0.02%
2000-2025	2.35%	-0.17%	0.10%
2025-2034	-100.00%	-100.00%	-100.00%
2000-2034	-100.00%	-100.00%	-100.00%

MAP MODEL SIMULATION CEA01B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED 2001

ANCHORAGE CPI	PDANCPI	CONSUMER PRICE INDEX FOR URBAN WAGE EARNERS CPI-W -- 1982-1984 =100
ANCH/US PRICE LEVEL	PDRATIO	RATIO OF ANCHORAGE TO US AVG. PRICE LEVEL
INFLATION RATE	G.ANCPI	ANNUAL CHANGE IN CPI-W

ECONOMIC PROJECTIONS FOR ALASKA AND THE SOUTHERN RAILBELT 2000-2025

SOUTHERN RAILBELT ECONOMIC PROJECTIONS

BASE CASE

TABLE 1. ANCHORAGE BOROUGH CENSUS AREA

BASE CASE

	WAGE & SALARY EMP (000)	POPULA-TION (000)	HOUSE-HOLDS (000)	PERSONAL INCOME (MILL $)	REAL PERSONAL INCOME (MILL 00$)	REAL PER CAP PERSONAL INCOME (MILL 00$)	REAL PER CAP DISPOSABLE INCOME (MILL 00$)
2000	131.5	260.0	94.8	$9,135	$9,135	$35,133	$30,561
2001	134.7	263.7	96.3	$9,700	$9,436	$35,779	$31,075
2002	137.3	268.9	98.2	$9,936	$9,403	$34,972	$30,365
2003	139.0	273.4	100.0	$10,297	$9,480	$34,679	$30,082
2004	139.1	275.7	101.0	$10,653	$9,541	$34,611	$29,305
2005	138.6	276.1	101.3	$11,248	$9,488	$34,359	$29,045
2006	139.4	277.3	101.9	$11,617	$9,532	$34,372	$29,032
2007	140.0	278.6	102.4	$11,959	$9,546	$34,263	$28,916
2008	140.6	280.6	103.3	$12,329	$9,572	$34,113	$28,764
2009	141.0	282.5	104.0	$12,667	$9,567	$33,864	$28,533
2010	141.6	284.7	104.6	$13,037	$9,579	$33,647	$28,328
2011	142.4	287.4	105.4	$13,476	$9,632	$33,510	$28,188
2012	143.5	290.7	106.3	$13,948	$9,698	$33,365	$28,041
2013	145.2	294.9	107.5	$14,540	$9,834	$33,350	$28,006
2014	147.1	299.8	109.0	$15,179	$9,987	$33,315	$27,954
2015	148.9	304.7	110.7	$15,845	$10,142	$33,281	$27,902
2016	150.7	309.5	112.5	$16,535	$10,296	$33,264	$27,864
2017	152.7	314.5	114.5	$17,272	$10,462	$33,267	$27,842
2018	155.0	319.9	116.8	$18,081	$10,654	$33,299	$27,844
2019	157.5	325.8	119.4	$18,896	$10,832	$33,246	$27,770
2020	160.3	332.3	122.3	$19,847	$11,067	$33,309	$27,794
2021	162.7	338.5	125.1	$20,815	$11,292	$33,354	$27,805
2022	165.2	344.6	127.9	$21,816	$11,513	$33,407	$27,823
2023	167.8	350.7	130.5	$22,851	$11,732	$33,451	$27,834
2024	170.5	356.4	132.9	$23,900	$11,937	$33,492	$27,842
2025	172.6	361.1	134.9	$24,913	$12,105	$33,520	$27,843
ANNUAL AVERAGE GROWTH RATE							
2000-2010	0.74%	0.91%	0.99%	3.62%	0.48%	-0.43%	-0.76%
2010-2025	1.33%	1.60%	1.71%	4.41%	1.57%	-0.03%	-0.12%
2000-2025	1.09%	1.32%	1.42%	4.09%	1.13%	-0.19%	-0.37%

MAP MODEL SIMULATION CEA01B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED 6-1-01

TABLE 2. MATANUSKA SUSITNA BOROUGH CENSUS AREA

BASE CASE

	WAGE & SALARY EMP (000)	POPULA-TION (000)	HOUSE-HOLDS (000)	PERSONAL INCOME (MILL $)	REAL PERSONAL INCOME (MILL 00$)	REAL PER CAP PERSONAL INCOME (MILL 00$)	REAL PER CAP DISPOSABLE INCOME (MILL 00$)
2000	12.0	59.4	20.5	$1,135	$1,135	$19,106	$16,619
2001	13.0	62.9	21.7	$1,279	$1,244	$19,795	$17,192
2002	13.7	65.9	22.8	$1,339	$1,267	$19,228	$16,695
2003	14.0	68.4	23.7	$1,414	$1,302	$19,026	$16,504
2004	14.3	70.9	24.6	$1,496	$1,340	$18,897	$16,000
2005	14.5	72.9	25.4	$1,609	$1,357	$18,634	$15,752
2006	14.8	74.6	26.0	$1,694	$1,390	$18,638	$15,743
2007	15.1	76.0	26.5	$1,769	$1,412	$18,579	$15,679
2008	15.3	77.7	27.1	$1,843	$1,431	$18,425	$15,536
2009	15.5	79.4	27.7	$1,912	$1,444	$18,177	$15,316
2010	15.8	81.2	28.3	$1,988	$1,460	$17,988	$15,144
2011	16.0	83.1	28.9	$2,080	$1,487	$17,901	$15,058
2012	16.3	85.1	29.5	$2,179	$1,515	$17,810	$14,968
2013	16.8	87.3	30.2	$2,304	$1,559	$17,844	$14,985
2014	17.2	89.9	31.1	$2,442	$1,606	$17,863	$14,989
2015	17.7	92.7	32.0	$2,590	$1,658	$17,884	$14,994
2016	18.2	95.5	33.0	$2,750	$1,712	$17,925	$15,015
2017	18.7	98.5	34.0	$2,924	$1,771	$17,987	$15,054
2018	19.3	101.6	35.2	$3,116	$1,836	$18,077	$15,115
2019	19.9	104.8	36.5	$3,308	$1,896	$18,091	$15,111
2020	20.7	108.4	37.9	$3,537	$1,973	$18,203	$15,189
2021	21.4	112.1	39.3	$3,781	$2,051	$18,298	$15,254
2022	22.1	115.9	40.8	$4,041	$2,133	$18,404	$15,328
2023	22.8	119.7	42.3	$4,313	$2,214	$18,501	$15,394
2024	23.6	123.4	43.7	$4,591	$2,293	$18,583	$15,449
2025	24.2	126.9	45.0	$4,866	$2,365	$18,634	$15,478
ANNUAL AVERAGE GROWTH RATE							
2000-2010	2.72%	3.17%	3.27%	5.76%	2.55%	-0.60%	-0.93%
2010-2025	2.92%	3.02%	3.13%	6.15%	3.26%	0.24%	0.15%
2000-2025	2.84%	3.08%	3.19%	6.00%	2.98%	-0.10%	-0.28%

MAP MODEL SIMULATION CEA01B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED 6-1-01

TABLE 3. KENAI PENINSULA BOROUGH CENSUS AREA

BASE CASE

	WAGE & SALARY EMP (000)	POPULA-TION (000)	HOUSE-HOLDS (000)	PERSONAL INCOME (MILL $)	REAL PERSONAL INCOME (MILL 00$)	REAL PER CAP PERSONAL INCOME (MILL 00$)	REAL PER CAP DISPOSABLE INCOME (MILL 00$)
2000	16.6	49.8	18.4	$1,312	$1,312	$26,336	$22,908
2001	17.4	51.5	19.1	$1,428	$1,389	$26,985	$23,437
2002	18.0	53.2	19.7	$1,473	$1,394	$26,222	$22,767
2003	18.1	54.1	20.1	$1,534	$1,413	$26,101	$22,641
2004	18.2	55.1	20.5	$1,599	$1,432	$26,017	$22,028
2005	18.5	56.1	20.9	$1,706	$1,439	$25,651	$21,684
2006	18.7	56.7	21.2	$1,780	$1,461	$25,753	$21,752
2007	18.7	56.8	21.2	$1,833	$1,463	$25,771	$21,750
2008	18.4	56.5	21.1	$1,873	$1,454	$25,720	$21,688
2009	18.4	56.7	21.2	$1,907	$1,441	$25,396	$21,398
2010	18.5	57.2	21.3	$1,957	$1,438	$25,152	$21,176
2011	18.6	57.8	21.5	$2,025	$1,447	$25,045	$21,067
2012	18.8	58.5	21.7	$2,099	$1,459	$24,941	$20,961
2013	19.0	59.4	22.0	$2,194	$1,484	$24,995	$20,989
2014	19.2	60.3	22.3	$2,295	$1,510	$25,028	$21,000
2015	19.4	61.3	22.6	$2,402	$1,537	$25,061	$21,010
2016	19.7	62.4	23.0	$2,516	$1,567	$25,116	$21,039
2017	20.0	63.4	23.4	$2,639	$1,599	$25,199	$21,090
2018	20.3	64.6	23.9	$2,773	$1,634	$25,313	$21,166
2019	20.6	65.7	24.4	$2,904	$1,665	$25,325	$21,153
2020	20.9	67.0	25.0	$3,058	$1,705	$25,468	$21,252
2021	21.2	68.2	25.6	$3,217	$1,745	$25,590	$21,332
2022	21.5	69.5	26.1	$3,385	$1,786	$25,720	$21,420
2023	21.9	70.7	26.7	$3,558	$1,827	$25,837	$21,498
2024	22.2	71.9	27.2	$3,732	$1,864	$25,938	$21,563
2025	22.5	72.8	27.6	$3,900	$1,895	$26,009	$21,604

ANNUAL AVERAGE GROWTH RATE

2000-2010	1.08%	1.39%	1.48%	4.08%	0.92%	-0.46%	-0.78%
2010-2025	1.31%	1.63%	1.74%	4.70%	1.86%	0.22%	0.13%
2000-2025	1.22%	1.53%	1.63%	4.45%	1.48%	-0.05%	-0.23%

MAP MODEL SIMULATION CEA01B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED 6-1-01

TABLE 4. TOTAL HOUSING STOCK
PRIMARY RESIDENCES SERVED--YEAR END

ELECTRIC UTILITY SERVICE TERRITORY
(THOUSANDS)

BASE CASE

	CHUGACH ELECTRIC	MATANUSKA ELECTRIC ASSN.	ANCHORAGE MUNICIPAL LIGHT AND POWER	HOMER ELECTRIC ASSN.	TOTAL
2000	62.7	32.2	26.7	17.6	139.2
2001	63.1	33.4	26.7	17.6	140.8
2002	64.3	34.7	26.6	18.0	143.7
2003	65.7	35.8	26.7	18.4	146.6
2004	66.5	36.9	26.7	18.7	148.9
2005	66.8	37.7	26.8	19.1	150.4
2006	67.2	38.5	26.8	19.4	151.9
2007	67.7	39.1	26.8	19.4	153.0
2008	68.3	39.9	26.9	19.4	154.5
2009	68.8	40.7	26.9	19.4	155.9
2010	69.4	41.4	27.0	19.5	157.3
2011	70.0	42.2	27.0	19.7	158.9
2012	70.7	43.0	27.1	19.9	160.6
2013	71.7	43.9	27.1	20.1	162.9
2014	72.9	45.1	27.2	20.4	165.6
2015	74.2	46.3	27.3	20.7	168.6
2016	75.7	47.7	27.4	21.1	171.8
2017	77.3	49.2	27.5	21.5	175.4
2018	79.2	50.9	27.6	21.9	179.5
2019	81.2	52.7	27.7	22.4	184.0
2020	83.6	54.6	27.8	22.9	188.9
2021	85.9	56.7	27.9	23.4	193.9
2022	88.1	58.8	28.0	23.9	198.8
2023	90.2	60.8	28.1	24.4	203.6
2024	92.2	62.7	28.2	24.9	208.0
2025	93.8	64.5	28.2	25.3	211.8
ANNUAL AVERAGE GROWTH RATE					
2000-2010	1.02%	2.55%	0.10%	1.03%	1.23%
2010-2025	2.03%	2.99%	0.30%	1.74%	2.00%
2000-2025	1.63%	2.81%	0.22%	1.45%	1.69%

MAP MODEL SIMULATION CEA01B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED 6-1-01

ECONOMIC PROJECTIONS FOR ALASKA AND THE SOUTHERN RAILBELT 2000-2025

SOUTHERN RAILBELT ECONOMIC PROJECTIONS

HIGH CASE

TABLE 1. ANCHORAGE BOROUGH CENSUS AREA

HIGH CASE

	WAGE & SALARY EMP (000)	POPULA-TION (000)	HOUSE-HOLDS (000)	PERSONAL INCOME (MILL $)	REAL PERSONAL INCOME (MILL 00$)	REAL PER CAP PERSONAL INCOME (MILL 00$)	REAL PER CAP DISPOSABLE INCOME (MILL 00$)
2000	131.5	260.0	94.8	$9,135	$9,135	$35,133	$30,561
2001	134.8	263.9	96.3	$9,713	$9,449	$35,803	$31,095
2002	138.3	270.2	98.7	$10,081	$9,494	$35,137	$30,504
2003	141.2	276.9	101.2	$10,627	$9,689	$34,993	$30,344
2004	145.3	284.5	104.1	$11,314	$9,988	$35,106	$30,404
2005	149.8	293.2	107.3	$12,089	$10,331	$35,238	$30,478
2006	156.4	304.4	111.4	$13,001	$10,757	$35,339	$30,539
2007	161.9	316.0	115.6	$13,842	$11,088	$35,090	$30,291
2008	166.0	326.4	119.5	$14,653	$11,364	$34,817	$30,018
2009	166.8	332.4	122.0	$15,253	$11,452	$34,458	$29,669
2010	169.2	338.3	124.3	$16,036	$11,656	$34,451	$29,469
2011	168.8	341.6	125.5	$17,099	$11,645	$34,089	$28,947
2012	170.9	346.6	127.2	$17,969	$11,848	$34,185	$28,834
2013	173.3	351.2	128.8	$18,881	$12,051	$34,310	$28,748
2014	176.9	358.1	131.2	$19,944	$12,324	$34,419	$28,810
2015	179.6	364.4	133.5	$20,935	$12,524	$34,371	$28,736
2016	181.4	369.6	135.5	$21,877	$12,670	$34,279	$28,626
2017	183.0	373.9	137.3	$22,814	$12,791	$34,209	$28,537
2018	185.4	379.1	139.6	$23,902	$12,974	$34,226	$28,516
2019	188.0	384.7	142.0	$25,078	$13,178	$34,257	$28,507
2020	191.5	391.4	145.0	$26,487	$13,474	$34,428	$28,618
2021	195.2	398.7	148.2	$28,001	$13,791	$34,593	$28,722
2022	198.4	405.6	151.2	$29,535	$14,082	$34,719	$28,795
2023	201.8	412.6	154.3	$31,157	$14,382	$34,856	$28,877
2024	205.7	420.3	157.6	$32,932	$14,717	$35,017	$28,977
2025	209.8	428.3	160.9	$34,803	$15,058	$35,163	$29,065
ANNUAL AVERAGE GROWTH RATE							
2000-2010	2.55%	2.67%	2.74%	5.79%	2.47%	-0.20%	-0.36%
2010-2025	1.44%	1.58%	1.74%	5.30%	1.72%	0.14%	-0.09%
2000-2025	1.88%	2.02%	2.14%	5.50%	2.02%	0.00%	-0.20%

MAP MODEL SIMULATION CEA01B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED 6-1-01

TABLE 2. MATANUSKA SUSITNA BOROUGH CENSUS AREA

HIGH CASE

	WAGE & SALARY EMP (000)	POPULA-TION (000)	HOUSE-HOLDS (000)	PERSONAL INCOME (MILL $)	REAL PERSONAL INCOME (MILL 00$)	REAL PER CAP PERSONAL INCOME (MILL 00$)	REAL PER CAP DISPOSABLE INCOME (MILL 00$)
2000	12.0	59.4	20.5	$1,135	$1,135	$19,106	$16,619
2001	13.0	62.9	21.7	$1,279	$1,244	$19,799	$17,195
2002	13.8	66.3	23.0	$1,355	$1,276	$19,232	$16,696
2003	14.3	69.7	24.2	$1,458	$1,329	$19,059	$16,527
2004	15.1	73.5	25.5	$1,591	$1,404	$19,104	$16,545
2005	15.9	77.5	26.9	$1,744	$1,491	$19,223	$16,626
2006	16.9	81.8	28.4	$1,905	$1,576	$19,264	$16,648
2007	17.7	85.9	29.8	$2,057	$1,648	$19,190	$16,565
2008	18.3	89.9	31.2	$2,213	$1,716	$19,079	$16,449
2009	18.8	93.5	32.5	$2,362	$1,774	$18,961	$16,326
2010	19.5	97.2	33.8	$2,527	$1,837	$18,897	$16,164
2011	19.7	100.6	35.0	$2,736	$1,863	$18,521	$15,727
2012	20.4	104.2	36.3	$2,935	$1,935	$18,560	$15,655
2013	21.0	107.4	37.3	$3,150	$2,010	$18,719	$15,684
2014	21.8	110.8	38.5	$3,382	$2,090	$18,859	$15,786
2015	22.7	115.0	39.9	$3,614	$2,162	$18,803	$15,720
2016	23.4	118.9	41.3	$3,849	$2,229	$18,752	$15,659
2017	24.0	122.3	42.6	$4,087	$2,291	$18,742	$15,634
2018	24.7	125.7	43.9	$4,347	$2,360	$18,775	$15,643
2019	25.4	129.2	45.2	$4,623	$2,429	$18,810	$15,653
2020	26.2	132.9	46.7	$4,957	$2,522	$18,967	$15,766
2021	27.1	137.0	48.2	$5,319	$2,620	$19,119	$15,875
2022	28.0	141.3	49.9	$5,698	$2,717	$19,230	$15,949
2023	28.9	145.7	51.6	$6,109	$2,820	$19,355	$16,035
2024	29.9	150.3	53.4	$6,562	$2,933	$19,512	$16,147
2025	31.0	155.1	55.2	$7,042	$3,047	$19,650	$16,242
ANNUAL AVERAGE GROWTH RATE							
2000-2010	4.92%	5.05%	5.12%	8.33%	4.93%	-0.11%	-0.28%
2010-2025	3.15%	3.16%	3.32%	7.07%	3.43%	0.26%	0.03%
2000-2025	3.85%	3.91%	4.03%	7.57%	4.03%	0.11%	-0.09%

MAP MODEL SIMULATION CEA01B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED 6-1-01

TABLE 3. KENAI PENINSULA BOROUGH CENSUS AREA

HIGH CASE

	WAGE & SALARY EMP (000)	POPULA-TION (000)	HOUSE-HOLDS (000)	PERSONAL INCOME (MILL $)	REAL PERSONAL INCOME (MILL 00$)	REAL PER CAP PERSONAL INCOME (MILL 00$)	REAL PER CAP DISPOSABLE INCOME (MILL 00$)
2000	16.6	49.8	18.4	$1,312	$1,312	$26,336	$22,908
2001	17.4	51.4	19.0	$1,428	$1,390	$27,010	$23,458
2002	18.1	53.2	19.7	$1,488	$1,401	$26,343	$22,870
2003	18.3	54.6	20.2	$1,573	$1,434	$26,287	$22,794
2004	18.9	56.1	20.8	$1,680	$1,483	$26,452	$22,909
2005	19.7	58.2	21.6	$1,810	$1,547	$26,562	$22,974
2006	20.5	60.2	22.3	$1,955	$1,618	$26,893	$23,240
2007	21.1	62.0	23.0	$2,077	$1,663	$26,851	$23,179
2008	21.2	63.2	23.5	$2,180	$1,691	$26,751	$23,063
2009	21.5	65.0	24.2	$2,268	$1,703	$26,203	$22,562
2010	22.2	67.1	25.0	$2,411	$1,753	$26,120	$22,342
2011	22.6	69.3	25.8	$2,609	$1,777	$25,632	$21,765
2012	22.9	70.9	26.4	$2,780	$1,833	$25,863	$21,814
2013	23.3	71.9	26.8	$2,940	$1,876	$26,101	$21,870
2014	23.8	73.1	27.2	$3,108	$1,921	$26,274	$21,992
2015	24.1	74.4	27.6	$3,261	$1,951	$26,239	$21,937
2016	24.4	75.5	28.1	$3,414	$1,977	$26,170	$21,854
2017	24.6	76.5	28.5	$3,568	$2,000	$26,160	$21,822
2018	24.9	77.5	29.0	$3,742	$2,031	$26,204	$21,832
2019	25.3	78.6	29.5	$3,928	$2,064	$26,259	$21,852
2020	25.7	79.8	30.0	$4,155	$2,114	$26,474	$22,006
2021	26.2	81.1	30.6	$4,396	$2,165	$26,681	$22,153
2022	26.6	82.5	31.2	$4,642	$2,213	$26,844	$22,264
2023	27.0	83.8	31.8	$4,903	$2,263	$27,019	$22,385
2024	27.5	85.2	32.4	$5,188	$2,319	$27,220	$22,526
2025	28.0	86.6	33.0	$5,488	$2,374	$27,405	$22,653
ANNUAL AVERAGE GROWTH RATE							
2000-2010	2.92%	3.02%	3.10%	6.27%	2.94%	-0.08%	-0.25%
2010-2025	1.58%	1.72%	1.88%	5.64%	2.05%	0.32%	0.09%
2000-2025	2.11%	2.24%	2.36%	5.89%	2.40%	0.16%	-0.04%

MAP MODEL SIMULATION CEA01B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED 6-1-01

TABLE 4. TOTAL HOUSING STOCK
PRIMARY RESIDENCES SERVED--YEAR END

ELECTRIC UTILITY SERVICE TERRITORY
(THOUSANDS)

HIGH CASE

	CHUGACH ELECTRIC	MATANUSKA ELECTRIC ASSN.	ANCHORAGE MUNICIPAL LIGHT AND POWER	HOMER ELECTRIC ASSN.	TOTAL
2000	62.7	32.2	26.7	17.6	139.2
2001	63.2	33.4	26.6	17.6	140.8
2002	64.7	34.9	26.6	18.0	144.3
2003	66.7	36.5	26.8	18.5	148.4
2004	68.9	38.4	27.0	19.0	153.3
2005	71.5	40.5	27.2	19.8	158.9
2006	74.7	42.8	27.5	20.5	165.4
2007	78.0	45.0	27.8	21.1	171.8
2008	81.1	47.3	28.0	21.5	177.8
2009	83.0	49.1	28.2	22.2	182.4
2010	84.8	50.9	28.3	22.9	186.9
2011	85.8	52.3	28.4	23.7	190.1
2012	87.2	53.9	28.5	24.2	193.7
2013	88.4	55.3	28.5	24.5	196.8
2014	90.3	57.0	28.7	24.9	200.9
2015	92.2	58.9	28.8	25.3	205.2
2016	93.8	60.7	28.9	25.7	209.2
2017	95.3	62.4	29.0	26.1	212.7
2018	97.1	64.1	29.1	26.5	216.8
2019	99.1	66.0	29.2	27.0	221.2
2020	101.4	68.1	29.3	27.5	226.3
2021	104.0	70.4	29.4	28.0	231.8
2022	106.5	72.7	29.5	28.6	237.2
2023	109.0	75.0	29.6	29.1	242.8
2024	111.7	77.5	29.7	29.7	248.6
2025	114.4	80.0	29.8	30.3	254.5
ANNUAL AVERAGE GROWTH RATE					
2000-2010	3.07%	4.67%	0.58%	2.64%	2.99%
2010-2025	2.02%	3.07%	0.35%	1.88%	2.08%
2000-2025	2.44%	3.71%	0.44%	2.18%	2.44%

MAP MODEL SIMULATION CEA01B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED 6-1-01

ECONOMIC PROJECTIONS FOR ALASKA AND THE SOUTHERN RAILBELT 2000-2025

SOUTHERN RAILBELT ECONOMIC PROJECTIONS

LOW CASE

TABLE 1. ANCHORAGE BOROUGH CENSUS AREA

LOW CASE

	WAGE & SALARY EMP (000)	POPULA-TION (000)	HOUSE-HOLDS (000)	PERSONAL INCOME (MILL $)	REAL PERSONAL INCOME (MILL 00$)	REAL PER CAP PERSONAL INCOME (MILL 00$)	REAL PER CAP DISPOSABLE INCOME (MILL 00$)
2000	131.5	260.0	94.8	$9,135	$9,135	$35,133	$30,561
2001	134.5	263.6	96.3	$9,678	$9,415	$35,709	$31,015
2002	136.5	267.5	97.8	$9,793	$9,312	$34,806	$30,227
2003	137.3	269.2	98.6	$10,010	$9,305	$34,563	$29,992
2004	135.6	267.7	98.2	$10,108	$9,186	$34,315	$29,076
2005	135.2	267.0	98.1	$10,294	$9,127	$34,183	$28,937
2006	134.8	266.5	98.1	$10,453	$9,060	$33,999	$28,759
2007	134.5	266.3	98.1	$10,651	$9,006	$33,820	$28,582
2008	133.2	261.7	96.7	$10,669	$8,818	$33,692	$28,449
2009	132.5	260.3	96.3	$10,817	$8,722	$33,504	$28,267
2010	131.7	259.1	95.7	$10,909	$8,599	$33,194	$27,992
2011	131.6	259.7	95.7	$11,182	$8,600	$33,110	$27,906
2012	131.7	260.7	95.7	$11,466	$8,620	$33,069	$27,858
2013	132.2	262.9	96.1	$11,811	$8,680	$33,013	$27,794
2014	133.2	266.3	97.0	$12,202	$8,767	$32,925	$27,702
2015	134.0	269.3	97.9	$12,572	$8,830	$32,791	$27,575
2016	134.6	272.2	99.0	$12,961	$8,899	$32,692	$27,474
2017	135.5	275.2	100.3	$13,396	$8,992	$32,670	$27,437
2018	136.9	279.2	102.1	$13,904	$9,124	$32,684	$27,427
2019	139.0	284.6	104.6	$14,511	$9,309	$32,713	$27,428
2020	141.5	290.8	107.5	$15,167	$9,512	$32,709	$27,403
2021	142.7	296.6	110.1	$15,726	$9,642	$32,513	$27,213
2022	143.6	300.7	112.0	$16,272	$9,753	$32,434	$27,127
2023	144.8	304.0	113.4	$16,818	$9,855	$32,419	$27,096
2024	145.8	306.2	114.3	$17,325	$9,925	$32,409	$27,070
2025	146.4	307.0	114.7	$17,762	$9,947	$32,397	$27,047
ANNUAL AVERAGE GROWTH RATE							
2000-2010	0.01%	-0.04%	0.09%	1.79%	-0.60%	-0.57%	-0.87%
2010-2025	0.71%	1.14%	1.22%	3.30%	0.98%	-0.16%	-0.23%
2000-2025	0.43%	0.67%	0.76%	2.70%	0.34%	-0.32%	-0.49%

MAP MODEL SIMULATION CEA01B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED 6-1-01

TABLE 2. MATANUSKA SUSITNA BOROUGH CENSUS AREA

LOW CASE

	WAGE & SALARY EMP (000)	POPULA-TION (000)	HOUSE-HOLDS (000)	PERSONAL INCOME (MILL $)	REAL PERSONAL INCOME (MILL 00$)	REAL PER CAP PERSONAL INCOME (MILL 00$)	REAL PER CAP DISPOSABLE INCOME (MILL 00$)
2000	12.0	59.4	20.5	$1,135	$1,135	$19,106	$16,619
2001	12.9	62.5	21.6	$1,272	$1,238	$19,800	$17,197
2002	13.4	65.1	22.6	$1,311	$1,247	$19,151	$16,632
2003	13.9	67.5	23.4	$1,375	$1,278	$18,938	$16,434
2004	14.0	69.1	24.0	$1,423	$1,293	$18,717	$15,859
2005	14.1	70.2	24.5	$1,475	$1,308	$18,633	$15,773
2006	14.3	71.2	24.9	$1,515	$1,313	$18,434	$15,592
2007	14.4	72.3	25.3	$1,557	$1,317	$18,216	$15,394
2008	14.6	74.0	26.0	$1,607	$1,328	$17,956	$15,162
2009	14.9	75.9	26.7	$1,677	$1,352	$17,825	$15,039
2010	15.1	77.4	27.2	$1,732	$1,366	$17,641	$14,877
2011	15.4	78.9	27.7	$1,814	$1,395	$17,684	$14,904
2012	15.6	80.1	28.0	$1,893	$1,423	$17,762	$14,963
2013	15.9	81.7	28.4	$1,976	$1,452	$17,773	$14,963
2014	16.2	83.7	29.0	$2,070	$1,487	$17,773	$14,953
2015	16.5	85.6	29.6	$2,166	$1,521	$17,764	$14,939
2016	16.8	87.8	30.4	$2,269	$1,558	$17,755	$14,922
2017	17.2	89.9	31.2	$2,387	$1,602	$17,819	$14,964
2018	17.7	92.4	32.1	$2,520	$1,654	$17,902	$15,023
2019	18.3	95.3	33.3	$2,677	$1,717	$18,022	$15,110
2020	19.0	98.6	34.6	$2,853	$1,790	$18,158	$15,213
2021	19.5	102.1	36.0	$3,013	$1,847	$18,092	$15,143
2022	20.0	105.4	37.3	$3,184	$1,908	$18,108	$15,145
2023	20.5	108.3	38.4	$3,355	$1,966	$18,152	$15,172
2024	21.0	110.8	39.3	$3,517	$2,015	$18,186	$15,191
2025	21.4	112.6	40.0	$3,667	$2,053	$18,231	$15,221
ANNUAL AVERAGE GROWTH RATE							
2000-2010	2.29%	2.68%	2.85%	4.32%	1.87%	-0.79%	-1.10%
2010-2025	2.34%	2.53%	2.61%	5.13%	2.76%	0.22%	0.15%
2000-2025	2.32%	2.59%	2.71%	4.80%	2.40%	-0.19%	-0.35%

MAP MODEL SIMULATION CEA01B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED 6-1-01

TABLE 3. KENAI PENINSULA BOROUGH CENSUS AREA

LOW CASE

	WAGE & SALARY EMP (000)	POPULA-TION (000)	HOUSE-HOLDS (000)	PERSONAL INCOME (MILL $)	REAL PERSONAL INCOME (MILL 00$)	REAL PER CAP PERSONAL INCOME (MILL 00$)	REAL PER CAP DISPOSABLE INCOME (MILL 00$)
2000	16.6	49.8	18.4	$1,312	$1,312	$26,336	$22,908
2001	17.4	51.5	19.1	$1,426	$1,387	$26,943	$23,401
2002	17.9	53.0	19.6	$1,453	$1,382	$26,090	$22,658
2003	17.9	53.3	19.8	$1,493	$1,388	$26,036	$22,593
2004	17.8	53.4	19.9	$1,515	$1,376	$25,776	$21,841
2005	17.6	53.2	19.8	$1,544	$1,369	$25,742	$21,792
2006	17.6	53.1	19.8	$1,564	$1,355	$25,530	$21,595
2007	17.8	53.7	20.1	$1,600	$1,353	$25,214	$21,309
2008	17.8	54.3	20.4	$1,643	$1,358	$24,996	$21,106
2009	17.9	54.9	20.6	$1,698	$1,369	$24,924	$21,028
2010	17.7	54.7	20.5	$1,722	$1,357	$24,809	$20,921
2011	17.6	54.8	20.5	$1,768	$1,360	$24,799	$20,901
2012	17.6	54.9	20.5	$1,816	$1,365	$24,870	$20,950
2013	17.7	55.3	20.5	$1,872	$1,376	$24,876	$20,943
2014	17.8	56.0	20.7	$1,937	$1,392	$24,866	$20,921
2015	17.9	56.5	20.9	$2,000	$1,405	$24,844	$20,892
2016	17.9	57.2	21.1	$2,067	$1,419	$24,821	$20,860
2017	18.1	57.8	21.4	$2,145	$1,440	$24,896	$20,908
2018	18.2	58.6	21.8	$2,235	$1,466	$25,003	$20,982
2019	18.5	59.7	22.3	$2,338	$1,500	$25,140	$21,079
2020	18.8	60.7	22.8	$2,449	$1,536	$25,286	$21,184
2021	18.9	61.9	23.4	$2,543	$1,559	$25,177	$21,073
2022	19.0	62.9	23.8	$2,644	$1,585	$25,196	$21,073
2023	19.2	63.7	24.1	$2,744	$1,608	$25,247	$21,101
2024	19.3	64.3	24.4	$2,837	$1,625	$25,284	$21,119
2025	19.4	64.5	24.5	$2,917	$1,634	$25,338	$21,154
ANNUAL AVERAGE GROWTH RATE							
2000-2010	0.61%	0.94%	1.10%	2.76%	0.34%	-0.60%	-0.90%
2010-2025	0.63%	1.10%	1.17%	3.58%	1.24%	0.14%	0.07%
2000-2025	0.62%	1.04%	1.14%	3.25%	0.88%	-0.15%	-0.32%

MAP MODEL SIMULATION CEA01B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED 6-1-01

TABLE 4. TOTAL HOUSING STOCK
PRIMARY RESIDENCES SERVED--YEAR END

ELECTRIC UTILITY SERVICE TERRITORY
(THOUSANDS)

LOW CASE

	CHUGACH ELECTRIC	MATANUSKA ELECTRIC ASSN.	ANCHORAGE MUNICIPAL LIGHT AND POWER	HOMER ELECTRIC ASSN.	TOTAL
2000	62.7	32.2	26.7	17.6	139.2
2001	63.1	33.3	26.7	17.6	140.7
2002	64.0	34.4	26.6	18.0	143.0
2003	64.6	35.2	26.6	18.1	144.5
2004	64.5	35.8	26.5	18.2	145.0
2005	64.4	36.2	26.5	18.2	145.2
2006	64.2	36.6	26.5	18.2	145.5
2007	64.3	37.0	26.5	18.4	146.2
2008	64.2	37.5	26.6	18.7	146.9
2009	64.1	38.1	26.5	18.9	147.6
2010	64.0	38.5	26.5	18.9	147.8
2011	63.9	39.0	26.4	18.8	148.1
2012	63.7	39.3	26.4	18.8	148.2
2013	63.6	39.8	26.4	18.8	148.6
2014	63.5	40.6	26.5	19.0	149.5
2015	64.1	41.4	26.5	19.1	151.2
2016	65.0	42.4	26.6	19.4	153.3
2017	66.1	43.5	26.6	19.6	155.8
2018	67.5	44.8	26.7	20.0	159.0
2019	69.5	46.5	26.8	20.4	163.2
2020	71.8	48.4	26.9	20.9	168.0
2021	74.0	50.4	27.0	21.4	172.8
2022	75.5	52.1	27.1	21.8	176.5
2023	76.6	53.5	27.1	22.1	179.3
2024	77.4	54.6	27.2	22.3	181.5
2025	77.7	55.4	27.2	22.4	182.7
ANNUAL AVERAGE GROWTH RATE					
2000-2010	0.21%	1.80%	-0.09%	0.68%	0.60%
2010-2025	1.30%	2.46%	0.17%	1.15%	1.42%
2000-2025	0.86%	2.19%	0.07%	0.96%	1.09%

MAP MODEL SIMULATION CEA01B
PREPARED FOR CHUGACH ELECTRIC ASSOCIATION
CREATED 6-1-01

ECONOMIC PROJECTIONS FOR ALASKA AND THE SOUTHERN RAILBELT 2000-2025

HISTORICAL ECONOMIC AND DEMOGRAPHIC DATA FOR THE SOUTHERN RAILBELT

ANCHORAGE BOROUGH

	[---------- Employment (000) ----------											Consumer
				--- Proprietors ---			Con-	--------- Government ---------			Business	Price Index
		Wage &		Old	New		struc-	Federal			Firms	(1982-84=100)
Year	Total	Salary	Military	Def.	Def.	Civilian	tion	Civilian	State	Local	(000)	CPI-W CPI-U
1960		20.672					2.366					35.2
1965		30.678					3.127	9.395				36.2
1969		37.786		2.690	5.290	40.476	3.142	8.874			1.731	40.7
1970	58.779	41.995	13.684	3.100	5.887	45.095	3.514	9.509			1.940	42.1
1971	62.398	45.452	13.580	3.366	6.786	48.818	3.924	9.530			2.016	43.4
1972	66.033	48.252	14.177	3.604	8.084	51.856	4.272	9.434			2.160	44.5
1973	68.261	50.627	13.842	3.792	9.007	54.419	4.178	9.558			2.359	46.4
1974	75.732	58.813	12.581	4.338	11.473	63.151	5.882	9.924			3.251	51.4
1975	86.817	69.608	12.486	4.723	14.037	74.331	6.838	10.222			3.676	58.5
1976	90.258	73.021	12.018	5.219	16.154	78.240	7.587	9.813			3.766	63.1
1977	95.220	76.995	11.948	6.277	17.769	83.272	7.795	10.058	4.351	6.750	4.163	67.2
1978	95.362	76.893	11.716	6.753	19.349	83.646	6.431	9.847	4.477	6.714	4.167	72.0 70.2
1979	96.415	77.502	11.862	7.051	19.755	84.553	5.735	9.758	4.746	7.657	4.250	79.0 77.6
1980	97.322	78.174	11.298	7.850	18.882	86.024	5.427	9.540	4.965	7.071	4.256	86.3 85.5
1981	104.916	86.162	10.833	7.921	19.651	94.083	5.894	9.580	5.528	7.231	4.604	92.9 92.4
1982	117.284	98.081	10.955	8.248	22.201	106.329	7.899	9.829	6.113	7.290	5.112	98.2 97.4
1983	122.436	102.703	10.531	9.202	23.567	111.905	9.405	9.902	6.484	7.861	6.680	98.9 99.2
1984	129.132	108.386	10.904	9.842	24.464	118.228	9.688	10.171	6.586	7.860	7.245	102.9 103.3
1985	131.844	110.888	10.829	10.127	25.816	121.015	8.838	9.860	7.257	8.520	7.365	105.8 105.8
1986	125.936	105.602	10.807	9.527	27.071	115.129	6.379	10.015	7.113	8.464	7.152	107.7 107.8
1987	120.116	99.553	11.712	8.851	27.560	108.404	5.172	10.315	6.580	8.385	6.682	107.9 108.2
1988	118.886	99.062	11.028	8.796	27.896	107.858	4.235	10.262	6.730	7.715	6.569	108.3 108.6
1989	123.742	103.440	11.018	9.284	26.449	112.724	4.783	10.190	7.150	7.602	6.704	111.3 111.7
1990	130.192	109.962	10.209	10.021	27.693	119.983	5.678	10.373	7.554	8.253	6.801	118.4 118.6
1991	134.221	112.979	10.876	10.366	28.049	123.345	5.663	10.668	7.886	8.357	6.930	123.8 124.0
1992	135.712	114.138	11.075	10.499	26.933	124.637	5.224	11.226	8.112	8.848	7.227	128.0 128.2
1993	138.651	116.603	11.265	10.783	27.405	127.386	6.361	11.806	8.075	8.681	7.299	132.0 132.2
1994	139.728	119.100	9.556	11.072	27.809	130.172	6.868	11.112	8.095	8.566		134.8 135.0
1995		119.499	9.386									138.5 138.9
1996		119.948										142.4 142.7
1997		122.987										144.5 144.8
1998		126.776										146.3 146.9
1999		128.295										147.8 148.4
2000												151.1 151.0
2001												

	[------ Population (000) -------]			[---- Households (000) ---]				Unemployment		[---------- Personal Income ----------							
	Alaska Dept. of Labor	Municipality/ Borough	US BEA	--Number(000)-- Census	Survey	Avg Size	Labor Force (000)	# (000)	Rate (%)	Total (Million $) Nominal	2000$	Disposable (Million $) Nominal	2000$	Per Capita (Thousand $) Nominal	2000$	Per Capita Disposable (Thousand $) Nominal	2000$
1960	82.833	82.833		21.853		3.41											
1965	102.337	102.337															
1969	114.150	114.150	123.3							$691	$2,565	$587	$2,179	$5.608	$20.82	$4.76	$17.68
1970	130.200	126.385	127.6	34.988		3.39				$778 $858	$2,792	$673	$2,415	$6.102	$21.90	$5.28	$18.94
1971	136.500	135.777	134.6							$858	$2,987	$747	$2,602	$6.375	$22.19	$5.55	$19.33
1972	144.000	144.215	143.2							$947	$3,216	$814	$2,763	$6.612	$22.45	$5.68	$19.29
1973	146.100	149.440	147.3							$1,046	$3,406	$912	$2,971	$7.101	$23.12	$6.19	$20.17
1974	151.000	162.499	152.4							$1,310	$3,851	$1,113	$3,273	$8.595	$25.27	$7.31	$21.48
1975	173.600	177.817	165.0							$1,790	$4,623	$1,508	$3,896	$10.848	$28.02	$9.14	$23.61
1976	187.400	179.837	174.5							$2,175	$5,208	$1,833	$4,388	$12.465	$29.85	$10.50	$25.15
1977	189.700	182.920	177.0							$2,427	$5,457	$2,052	$4,613	$13.712	$30.83	$11.59	$26.06
1978	183.600	180.246	179.6							$2,435	$5,110	$2,089	$4,385	$13.552	$28.44	$11.63	$24.40
1979	180.200	174.594	178.8							$2,539	$4,856	$2,146	$4,105	$14.200	$27.16	$12.00	$22.96
1980	182.504	174.431	176.4	60.470	56.691	2.80	83.610	5.855	7.0	$2,840	$4,972	$2,443	$4,278	$16.154	$28.28	$13.90	$24.33
1981	188.527	187.761	185.7				89.783	5.952	6.6	$3,326	$5,410	$2,796	$4,547	$18.377	$29.89	$15.45	$25.12
1982	201.299	204.216	201.0				98.588	7.205	7.3	$4,044	$6,222	$3,454	$5,315	$20.713	$31.87	$17.69	$27.22
1983	216.164	230.846	221.5		74.051		109.265	8.026	7.3	$4,591	$7,014	$3,994	$6,102	$21.758	$33.24	$18.93	$28.92
1984	226.195	244.030	232.7		79.480		114.999	8.652	7.5	$4,995	$7,335	$4,404	$6,467	$22.679	$33.30	$20.00	$29.36
1985	233.870	248.263	238.7		81.663		118.968	8.587	7.2	$5,329	$7,611	$4,723	$6,745	$23.490	$33.55	$20.82	$29.73
1986	235.133	246.139	234.7				121.488	10.174	8.4	$5,295	$7,429	$4,751	$6,665	$23.025	$32.30	$20.66	$28.98
1987	227.974	229.117	230.3		77.527		116.501	9.831	8.4	$5,046	$7,066	$4,491	$6,289	$22.411	$31.38	$19.94	$27.93
1988	222.950	218.979	228.7		75.393		114.356	8.438	7.4	$5,062	$7,062	$4,539	$6,333	$22.563	$31.48	$20.23	$28.23
1989	221.884	221.870	227.6		76.723		114.256	5.803	5.1	$5,517	$7,490	$4,870	$6,612	$24.481	$33.24	$21.61	$29.34
1990	226.338	226.338	227.6	82.702	80.518	2.68	121.533	6.546	5.4	$5,971	$7,620	$5,240	$6,687	$26.235	$33.48	$23.02	$29.38
1991	235.626	234.780	235.3		84.111		125.028	8.475	6.8	$6,321	$7,715	$5,611	$6,848	$26.910	$32.84	$23.89	$29.15
1992	244.111	245.664	245.7		85.045		125.635	9.168	7.3	$6,754	$7,973	$5,997	$7,080	$27.545	$32.52	$24.46	$28.87
1993	249.440	249.842	250.3				133.383	8.095	6.1	$7,119	$8,149	$6,333	$7,250	$28.528	$32.66	$25.38	$29.05
1994	253.503	250.006	253.6				135.395	8.009	5.9	$7,328	$8,214	$6,495	$7,280	$29.140	$32.66	$25.83	$28.95
1995	252.729	257.780					132.838	6.972	5.2	$7,413	$8,087	$6,573	$7,171	$29.533	$32.22	$26.19	$28.57
1995	253.234									$7,561	$8,023	$6,677	$7,085	$30.295	$32.15	$26.75	$28.39
1997	254.752									$8,018	$8,384	$7,050	$7,372	$31.899	$33.36	$28.05	$29.33
1998	257.260									$8,433	$8,710	$7,388	$7,631	$32.992	$34.07	$28.90	$29.85
1999	259.391									$8,717	$8,912	$7,634	$7,805	$33.813	$34.57	$29.61	$30.28
2000	260.283			94.822		2.670											
2001																	

MATANUSKA-SUSITNA BOROUGH

	Employment (000)											Consumer Price Index (1982-84=100)	
				--- Proprietors ---			Con-	--------- Government ---------			Business		
Year	Total	Wage & Salary	Military	Old Def.	New Def.	Civilian	struc-tion	Federal Civilian	State	Local	Firms (000)	CPI-W	CPI-U
1960		0.529					0.022					35.2	0.0
1965		1.082					0.078	0.13				36.2	0.0
1969		1.001		0.392	0.633	1.393	0.083	0.124			0.077	40.7	0.0
1970	1.592	1.145	0.006	0.441	0.676	1.586	0.12	0.106			0.091	42.1	0.0
1971	1.856	1.414	0	0.442	0.718	1.856	0.141	0.099			0.118	43.4	0.0
1972	1.909	1.445	0	0.464	0.762	1.909	0.087	0.109			0.122	44.5	0.0
1973	2.093	1.607	0	0.486	0.874	2.093	0.098	0.107			0.117	46.4	0.0
1974	2.33	1.784	0	0.546	1.103	2.33	0.134	0.114			0.145	51.4	0.0
1975	2.55	2.02	0	0.53	1.364	2.55	0.188	0.124			0.177	58.5	0.0
1976	2.882	2.269	0	0.613	1.700	2.882	0.208	0.129			0.205	63.1	0.0
1977	3.466	2.524	0.147	0.795	2.021	3.319	0.219	0.108			0.275	67.2	0.0
1978	3.971	2.954	0.158	0.859	2.232	3.813	0.235	0.095			0.265	72.0	70.2
1979	4.201	3.078	0.147	0.976	2.126	4.054	0.184	0.097			0.285	79.0	77.6
1980	4.378	3.264	0.057	1.057	1.953	4.321	0.178	0.112	0.403	0.826	0.292	86.3	85.5
1981	4.775	3.7	0	1.075	2.186	4.775	0.253	0.102	0.46	0.855	0.328	92.9	92.4
1982	5.504	4.382	0	1.122	2.418	5.504	0.518	0.101	0.545	0.919	0.416	98.2	97.4
1983	6.749	5.354	0	1.395	2.844	6.749	0.778	0.104	0.596	1.035	0.661	98.9	99.2
1984	8.185	6.542	0	1.643	3.254	8.185	0.971	0.112	0.651	1.214	0.847	102.9	103.3
1985	8.732	6.996	0	1.736	3.712	8.732	0.71	0.1	0.737	1.392	0.939	105.8	105.8
1986	8.375	6.699	0	1.676	4.184	8.375	0.427	0.105	0.763	1.559	0.825	107.7	107.8
1987	7.764	6.193	0	1.571	4.572	7.764	0.261	0.102	0.759	1.387	0.721	107.9	108.2
1988	7.646	6.095	0	1.551	4.769	7.646	0.179	0.099	0.791	1.467	0.705	108.3	108.6
1989	8.147	6.51	0	1.637	4.743	8.147	0.222	0.104	0.813	1.499	0.765	111.3	111.7
1990	8.830	7.077	0	1.753	5.174	8.830	0.304	0.104	0.815	1.574	0.801	118.4	118.6
1991	9.791	7.878	0	1.913	5.638	9.791	0.397	0.107	0.811	1.723	0.845	123.8	124.0
1992	10.241	8.253	0	1.988	5.612	10.241	0.366	0.107	0.813	1.798	0.920	128.0	128.2
1993	10.736	8.667	0	2.069	5.773	10.736	0.439	0.117	0.797	1.872	0.976	132.0	132.2
1994	11.820	9.575	0	2.245	5.884	11.820	0.530	0.115	0.821	1.842		134.8	135.0
1995		10.08										138.5	138.9
1996		10.075										142.4	142.7
1997		10.685										144.5	144.8
1998		11.367										146.3	146.9
1999		11.735										147.8	148.4
2000												151.1	151.0
2001													

	[------- Population (000) --------]			[--- Households (000) ----]			Unemployment			[---------- Personal Income ----------]							
	Alaska Dept. of Labor	Municipality/ Borough	US BEA	--Number(000)-- Census	Survey	Avg Size	Labor Force (000)	# (000)	Rate (%)	Total (Million $) Nominal	2000$	Disposable (Million $) Nominal	2000$	Per Capita (Thousand $) Nominal	2000$	Per Capita Disposable (Thousand $) Nominal	2000$
1960	5.188	5.22		1.501		3.38											
1965	6.125																
1969	7		6.4							$27.4	$102	$23	$86	$4.264	$15.83	$3.62	$13.45
1970	6.6	6.509	6.7	1.841		3.40				$32.2	$116	$28	$100	$4.838	$17.36	$4.18	$15.02
1971	7.2	7.293	7.3							$38.9	$135	$34	$118	$5.362	$18.67	$4.67	$16.26
1972	7.8	8.310	7.8							$46.1	$156	$40	$134	$5.900	$20.03	$5.07	$17.21
1973	8.5	8.170	8.4							$53.7	$175	$47	$153	$6.385	$20.79	$5.57	$18.13
1974	9.4	9.787	9.0							$72.3	$213	$61	$181	$8.060	$23.69	$6.85	$20.14
1975	11.1	12.462	10.2							$107.3	$277	$90	$234	$10.522	$27.18	$8.87	$22.90
1976	13.5	14.606	11.6							$141.8	$340	$119	$286	$12.193	$29.20	$10.27	$24.60
1977	15.5	15.573	12.7							$163.9	$369	$139	$312	$12.929	$29.07	$10.93	$24.58
1978	16.7	15.400	14.4							$185.8	$390	$159	$335	$12.877	$27.02	$11.05	$23.19
1979	18.4	18.536	16.2							$199.9	$382	$169	$323	$12.336	$23.59	$10.43	$19.95
1980	18.637	17.816	17.9	5.699		3.06	9.368	1.426	15.2	$227.1	$398	$195	$342	$12.597	$22.06	$10.84	$18.97
1981	19.908	22.329	18.0				8.851	1.201	13.6	$292.2	$475	$246	$399	$15.492	$25.20	$13.02	$21.18
1982	23.083	27.649	20.2				10.289	1.413	13.7	$375.7	$578	$321	$494	$17.357	$26.71	$14.83	$22.81
1983	27.971	30.568	23.9				12.843	1.788	13.9	$475.4	$726	$414	$632	$18.088	$27.63	$15.74	$24.04
1984	33.552	34.122	28.7				15.854	1.96	12.4	$542.0	$796	$478	$702	$16.931	$24.86	$14.93	$21.92
1985	37.67	41.093	35.7				16.053	2.556	15.9	$581.2	$830	$515	$736	$15.591	$22.27	$13.82	$19.73
1986	39.974	44.280	39.1				16.267	2.969	18.3	$576.9	$809	$518	$726	$14.383	$20.18	$12.90	$18.10
1987	39.050	39.050	38.9				15.5	2.873	18.5	$545.9	$765	$486	$680	$13.634	$19.09	$12.13	$16.99
1988	37.985	37.985	38.1				14.973	2.35	15.7	$542.6	$757	$486	$679	$13.815	$19.27	$12.39	$17.28
1989	38.953	36.568	39.0				14.719	1.793	12.2	$587.2	$797	$518	$704	$15.218	$20.66	$13.43	$18.24
1990	39.683	39.683	40.2	13.394		2.92	16.987	1.975	11.6	$655.7	$837	$575	$734	$16.331	$20.84	$14.33	$18.29
1991	41.819	41.797	42.3				19.318	2.489	12.9	$704.3	$860	$625	$763	$16.656	$20.33	$14.78	$18.04
1992	44.37	41.797	44.8				19.899	2.833	14.2	$757.0	$894	$672	$794	$16.932	$19.99	$15.03	$17.75
1993	46.659	48.731	46.5				22.806	2.482	10.9	$813.3	$931	$724	$828	$17.529	$20.07	$15.59	$17.85
1994	47.636	50.058	48.7				24.738	2.701	10.9	$872.0	$977	$773	$866	$18.174	$20.37	$16.11	$18.06
1995	48.906	50.601					25.858	2.577	10.0	$912.7	$996	$809	$883	$18.256	$19.92	$16.19	$17.66
1996	50.367									$943.6	$1,001	$833	$884	$18.140	$19.25	$16.02	$17.00
1997	52.125									$970.7	$1,015	$853	$892	$18.002	$18.82	$15.83	$16.55
1998	54.153									$1,036.8	$1,071	$908	$938	$18.583	$19.19	$16.28	$16.81
1999	55.694									$1,078.7	$1,103	$945	$966	$18.615	$19.03	$16.30	$16.67
2000	59.322			20.556		2.84											
2001																	

KENAI PENINSULA BOROUGH

	Employment (000)											Consumer Price Index (1982-84=100)	
				--- Proprietors ---			Con-	--------- Government ---------			Business		
Year	Total	Wage & Salary	Military	Old Def.	New Def.	Civilian	struc-tion	Federal Civilian	State	Local	Firms (000)	CPI-W	CPI-U
1960		0.927					0.053					35.2	0.0
1965		2.377					0.525	0.166				36.2	0.0
1969	NA	4.792		NA	0.666	NA	0.736	0.163			0.269	40.7	0.0
1970	5.543	4.268	0.575	0.7	0.764	4.968	0.354	0.161			0.267	42.1	0.0
1971	5.424	4.226	0.436	0.762	0.837	4.988	0.469	0.165			0.258	43.4	0.0
1972	5.619	4.632	0.106	0.881	1.018	5.513	0.445	0.129			0.272	44.5	0.0
1973	5.949	4.923	0.068	0.958	1.251	5.881	0.374	0.112			0.313	46.4	0.0
1974	6.632	5.422	0.068	1.142	1.547	6.564	0.456	0.119			0.478	51.4	0.0
1975	7.645	6.738	0.075	0.832	1.95	7.570	0.634	0.143			0.56	58.5	0.0
1976	8.613	7.602	0.068	0.943	2.583	8.545	1.066	0.14			0.561	63.1	0.0
1977	9.721	8.487	0.071	1.163	3.019	9.650	1.844	0.13			0.662	67.2	0.0
1978	9.122	7.782	0.052	1.288	3.481	9.070	0.497	0.162			0.669	72.0	70.2
1979	9.596	8.138	0.070	1.388	4.046	9.526	0.418	0.172			0.691	79.0	77.6
1980	9.861	8.397	0.067	1.397	3.857	9.794	0.617	0.18	0.528	1.189	0.637	86.3	85.5
1981	10.595	9.115	0.068	1.412	4.61	10.527	0.705	0.17	0.582	1.198	0.676	92.9	92.4
1982	11.392	9.853	0.068	1.471	4.671	11.324	0.795	0.169	0.646	1.347	0.736	98.2	97.4
1983	11.946	10.399	0.072	1.475	5.916	11.874	1.005	0.192	0.7	1.525	1.022	98.9	99.2
1984	13.046	11.402	0.070	1.574	6.172	12.976	1.326	0.21	0.779	1.691	1.161	102.9	103.3
1985	13.937	12.213	0.072	1.652	6.551	13.865	1.387	0.21	0.836	1.87	1.229	105.8	105.8
1986	13.089	11.435	0.077	1.577	7.048	13.012	0.864	0.225	0.823	1.885	1.199	107.7	107.8
1987	12.391	10.804	0.072	1.515	7.072	12.319	0.642	0.216	0.787	1.948	1.157	107.9	108.2
1988	12.717	11.089	0.085	1.543	7.687	12.632	0.619	0.248	0.912	1.859	1.133	108.3	108.6
1989	14.888	13.067	0.088	1.733	7.637	14.800	0.824	0.269	1.063	1.98	1.289	111.3	111.7
1990	15.780	13.891	0.080	1.809	7.694	15.700	0.717	0.285	1.077	2.059	1.263	118.4	118.6
1991	16.313	14.376	0.083	1.854	7.892	16.230	0.713	0.289	1.051	2.058	1.304	123.8	124.0
1992	16.457	14.474	0.120	1.863	7.955	16.337	0.623	0.308	1.029	2.141	1.400	128.0	128.2
1993	17.477	15.451	0.075	1.951	8.402	17.402	0.689	0.357	1.031	2.341	1.478	132.0	132.2
1994	17.909	15.816	0.110	1.983	8.538	17.799	0.813	0.374	1.033	2.361		134.8	135.0
1995		16.107	0.099									138.5	138.9
1996		16.11										142.4	142.7
1997		16.328										144.5	144.8
1998		16.586										146.3	146.9
1999		16.342										147.8	148.4
2000												151.1	151.0
2001													

	[------- Population (000) --------]			[--- Households (000) ----]				Unemployment		[---------- Personal Income ----------]							
	Alaska Dept. of Labor	Municipality/ Borough	US BEA	--Number(000)-- Census	Survey	Avg Size	Labor Force (000)	# (000)	Rate (%)	Total (Million $) Nominal	2000$	Disposable (Million $) Nominal	2000$	Per Capita (Thousand $) Nominal	2000$	Per Capita Disposable (Thousand $) Nominal	2000$
1960	9.053	9.053		2.652		3.24											
1965	10.659	10.659															
1969	16.25	16.300	16.2							$59.4	$220	$50	$187	$3.76	$13.96	$3.19	$11.85
1970	16.8	16.586	16.5	4.611		3.48				$66.4	$238	$57	$206	$4.12	$14.77	$3.56	$12.77
1971	17.2	16.782	16.5							$74.3	$259	$65	$225	$4.53	$15.76	$3.94	$13.73
1972	17.7	16.200	16.7							$81.0	$275	$70	$236	$4.86	$16.49	$4.17	$14.17
1973	18.4	16.254	15.9							$94.0	$306	$82	$267	$5.99	$19.51	$5.22	$17.01
1974	19.2	16.645	16.1							$115.6	$340	$98	$289	$7.34	$21.58	$6.24	$18.34
1975	21.3	18.770	18.3							$168.5	$435	$142	$367	$9.46	$24.43	$7.97	$20.59
1976	22.5	21.843	19.8							$220.2	$527	$186	$444	$11.43	$27.37	$9.63	$23.06
1977	23.9	24.611	21.4							$257.1	$578	$217	$489	$12.30	$27.66	$10.40	$23.38
1978	24.5	25.335	22.6							$274.5	$576	$236	$494	$12.41	$26.04	$10.65	$22.35
1979	25.8	25.507	23.5							$310.4	$594	$262	$502	$13.19	$25.24	$11.15	$21.33
1980	26.424	25.842	25.7	8.546		2.92	12.736	1.823	14.3	$357.3	$626	$307	$538	$13.93	$24.39	$11.98	$20.98
1981	27.599	25.282	27.5				13.079	1.728	13.2	$415.0	$675	$349	$567	$15.31	$24.91	$12.87	$20.94
1982	31.051	25.282	30.5				14.15	2.165	15.3	$499.1	$768	$426	$656	$16.87	$25.96	$14.41	$22.17
1983	35.148	35.769	33.6				15.604	2.379	15.2	$558.7	$854	$486	$743	$16.82	$25.69	$14.63	$22.35
1984	38.275	35.769	37.4				16.393	2.277	13.9	$611.8	$898	$539	$792	$16.98	$24.93	$14.97	$21.98
1985	40.645	38.919	40.9				16.543	2.282	13.8	$711.2	$1,016	$630	$900	$18.83	$26.89	$16.69	$23.83
1986	41.653	38.919	41.1				17.825	3.045	17.1	$692.3	$971	$621	$871	$17.25	$24.19	$15.47	$21.71
1987	40.871	43.612	41.0				16.968	2.845	16.8	$665.4	$932	$592	$829	$16.51	$23.11	$14.69	$20.57
1988	39.949	43.612	40.5				17.222	2.406	14.0	$720.5	$1,005	$646	$901	$17.99	$25.10	$16.13	$22.50
1989	40.117	40.312	40.7				19.191	1.779	9.3	$829.7	$1,126	$732	$994	$20.71	$28.11	$18.28	$24.82
1990	40.802	40.802	41.1	14.25		2.79	19.829	2.154	10.9	$882.8	$1,127	$775	$989	$21.48	$27.41	$18.85	$24.05
1991	42.132	42.242	42.6				20.795	2.759	13.3	$920.8	$1,124	$817	$998	$21.65	$26.42	$19.22	$23.46
1992	43.459	44.019	43.3				20.752	3.058	14.7	$946.8	$1,118	$841	$992	$21.88	$25.82	$19.42	$22.93
1993	43.814	44.411	44.0				20.394	2.607	12.8	$1,018.3	$1,166	$906	$1,037	$23.20	$26.55	$20.63	$23.62
1994	45.059	45.056	45.2				21.205	2.665	12.6	$1,056.2	$1,184	$936	$1,049	$23.37	$26.20	$20.71	$23.22
1995	45.906	47.101					21.360	2.647	12.4	$1,106.0	$1,207	$981	$1,070	$23.93	$26.11	$21.22	$23.15
1996	46.654									$1,118.9	$1,187	$988	$1,048	$23.68	$25.13	$20.91	$22.19
1997	47.695									$1,162.9	$1,216	$1,022	$1,069	$24.33	$25.44	$21.39	$22.37
1998	48.532									$1,220.9	$1,261	$1,070	$1,105	$25.27	$26.09	$22.14	$22.86
1999	48.952									$1,248.3	$1,276	$1,093	$1,118	$25.48	$26.05	$22.31	$22.81
2000	49.691			18.438		2.62											
2001																	

Total Primary Housing Stock by Utility Service Area

Year End

Year	Anchorage Borough				Matanuska - Susitna Borough	Kenai Peninsula Borough			
	Chugach Electric Assoc	Anchorage Municipal Lt & Power	Matanuska Electric Assoc	Total	Matanuska Electric Assoc	Homer Electric Assoc	Total Matanuska Electric Assoc	Total of Three Boroughs	Total Net of AML&P Territory
75	26,055	18,454	2,853	47,361	3,514		6,367	50,875	32,421
76	29,265	19,517	3,109	51,891	4,338		7,447	56,229	36,711
77	32,126	20,524	3,421	56,071	5,046		8,467	61,117	40,593
78	34,192	21,692	3,737	59,621	5,501		9,238	65,122	43,430
79	35,846	21,752	4,050	61,648	6,135		10,185	67,783	46,032
80	37,337	22,393	4,353	64,083	6,332	8,134	10,685	78,549	56,156
81	38,948	22,150	4,673	65,771	6,971	9,436	11,644	82,178	60,028
82	42,143	23,206	5,254	70,603	8,106	10,634	13,360	89,343	66,137
83	46,367	24,869	6,680	77,915	9,957	11,843	16,637	99,715	74,847
84	51,152	25,766	7,726	84,643	12,072	13,028	19,798	109,743	83,978
85	54,488	26,154	8,162	88,804	13,648	13,558	21,810	116,009	89,855
86	56,411	25,981	8,617	91,008	14,276	14,094	22,893	119,377	93,397
87	56,574	26,013	8,711	91,298	14,405	13,862	23,116	119,566	93,553
88	56,064	25,948	8,669	90,680	14,438	13,630	23,107	118,748	92,801
89	56,043	24,689	8,653	89,385	14,686	13,783	23,339	117,854	93,165
90	55,593	25,105	8,706	89,404	15,199	14,236	23,905	118,839	93,734
91	55,142	25,522	8,759	89,423	15,880	14,762	24,639	120,065	94,543
92	55,631	25,493	8,852	89,976	16,581	15,326	25,433	121,883	96,390
93	55,944	25,591	8,957	90,492	17,262	15,493	26,219	123,247	97,655
94	56,663	25,427	9,118	91,208	17,844	15,966	26,962	125,018	99,590
95	57,099	25,498	9,298	91,895	18,426	15,827	27,724	126,147	100,650
96	58,014	25,657	9,548	93,220	19,007	16,236	28,556	128,463	102,806
97	59,409	25,905	9,869	95,183	19,589	16,690	29,459	131,462	105,558
98	60,804	26,152	10,190	97,146	20,171	17,111	30,361	134,429	108,276
99	61,939	26,359	10,541	98,838	20,900	17,433	31,441	137,171	110,812
0	62,747	26,501	10,792	100,040	21,578	17,736	32,370	139,354	112,853
	HS.13.C	HS.13.A	HS.13.M	HS.13	HS.12.M	HS.14.H			
	HS.CEA	HS.AMP			HS.12	HS.HEA	HS.MEA		
						HS.14			

PRIMARY HOUSING UNITS includes all housing units within the utility service territory except second homes.
Vacant units and units without utility service are included; housing units on military bases are excluded.

Kenai Peninsula Borough excludes Seward census subarea.
Matanuska Susitna Borough includes MEA service area only.
Chugach territory includes housing units within the Anchorage Municipality only.

ECONOMIC PROJECTIONS FOR ALASKA AND THE SOUTHERN RAILBELT 2000-2025

TRACK RECORD OF THE MAP ECONOMETRIC MODEL

TRACK RECORD
PROJECTED 2000 VS. ACTUAL VALUES

STATE PROJECTIONS

	WAGE & SALARY EMPLOYMENT IN 2000	REAL INCOME IN 2000 $ TOTAL IN 2000	REAL INCOME IN 2000 $ PER CAPITA IN 2000	STATE GF UNREST SPENDING IN 2000	STATE GF OIL REVENUES IN 2000	POPULATION IN 2000
ACTUAL VALUES IN 2000						
	281 (a)	**$18,848**	**$30,064**	**$2,350**	**$1,642**	**626.9**
PROJECTION YEAR	**PROJECTED VALUES**					
1990	243.4	$19,390	$31,068	$3,339	$1,752	624
1991	250.7	$20,977	$32,530	$3,689	$1,946	644.9
1993	259.2	$17,843	$28,126	$3,362	$2,053	634.4
1994	257.1	$17,464	$28,753	$3,564	$2,219	607.4
1995	260.7	$17,610	$28,708	$2,924	$1,658	613.4
1996	268.4	$18,654	$29,150	$2,885	$1,494	640
1998	278.1	$19,414	$30,396	$2,634	$1,559	638.7
1999	277.1	$16,836	$26,673	$2,428	$935	631.2
PERCENT ERROR: ACTUAL VS PROJECTED VALUES						
1990	-13.4%	2.9%	3.3%	42.1%	6.7%	-0.5%
1991	-10.8%	11.3%	8.2%	57.0%	18.5%	2.9%
1993	-7.8%	-5.3%	-6.4%	43.1%	25.0%	1.2%
1994	-8.5%	-7.3%	-4.4%	51.7%	35.2%	-3.1%
1995	-7.2%	-6.6%	-4.5%	24.4%	1.0%	-2.2%
1996	-4.5%	-1.0%	-3.0%	22.8%	-9.0%	2.1%
1998	-1.0%	3.0%	1.1%	12.1%	-5.1%	1.9%
1999	-1.4%	-10.7%	-11.3% (b)	3.3%	-43.1%	0.7%

(a) WAGE AND SALARY EMPLOYMENT ESTIMATED FOR 2000
(b) PERSONAL INCOME DATA REDEFINED AND REVISED BY BEA IN 1999

TRACK RECORD
PROJECTED 2OOO VS ACTUAL VALUES

REGIONAL PROJECTIONS

	ANCHORAGE			MATANUSKA SUSITNA			KENAI		
	POPULATION	WAGE & SALARY EMPLOYMENT	PERSONAL INCOME (2000 $)	POPULATION	WAGE & SALARY EMPLOYMENT	PERSONAL INCOME (2000 $)	POPULATION	WAGE & SALARY EMPLOYMENT	PERSONAL INCOME (2000 $)
				ACTUAL VALUES IN 2000					
	260.3	**131.5**	**$9,135**	**59.3**	**12**	**$1,135**	**49.7**	**16.6**	**$1,312**
PROJECTION YEAR				**PROJECTED VALUES**					
1990	260.1	114.6	$12,370	49.3	8.1	$1,475	44.5	11.7	$1,475
1991	269.4	120.3	$12,551	52.6	8.5	$1,409	NA	NA	$1,409
1993	252.6	117.7	$10,163	47.4	9.1	$1,252	49.6	16.1	$1,252
1994	241.9	117.1	$8,899	48.3	9.5	$1,104	45.8	15.6	$1,104
1995	249.0	119.7	$8,955	54.1	10.8	$1,246	47.4	15.8	$1,246
1996	266.9	122.2	$9,385	57.7	11.6	$1,276	49.4	16.7	$1,276
1998	266.9	130.6	NA	56.3	11.6	NA	49.9	17.9	NA
1999	263.0	130.9	$8,622	56.8	11.8	$1,062	49.8	17.0	$1,062
				PERCENT ERROR: ACTUAL VS PROJECTED VALUES					
1990	-0.1%	-12.9%	35.4%	-16.8%	-32.6%	29.9%	-10.5%	-29.6%	12.4%
1991	3.5%	-8.5%	37.4%	-11.4%	-29.4%	24.2%			
1993	-2.9%	-10.5%	11.3%	-20.2%	-23.8%	10.3%	-0.1%	-2.9%	-4.6%
1994	-7.1%	-11.0%	-2.6%	-18.6%	-21.0%	-2.8%	-7.9%	-6.2%	-15.9%
1995	-4.3%	-9.0%	-2.0%	-8.8%	-10.1%	9.7%	-4.5%	-4.6%	-5.1%
1996	2.5%	-7.1%	2.7%	-2.8%	-3.2%	12.5%	-0.6%	0.9%	-2.7%
1998	2.5%	-0.7%		-5.1%	-3.6%		0.5%	8.0%	
1999	1.0%	-0.5%	-5.6%	-4.3%	-1.7%	-6.4%	0.2%	2.4%	-19.1%

WAGE AND SALARY EMPLOYMENT ESTIMATED FOR 2000
PERSONAL INCOME DATA REDEFINED AND REVISED BY BEA IN 1999
PERSONAL INCOME ESTIMATED FOR 2000

ECONOMIC PROJECTIONS FOR ALASKA AND THE SOUTHERN RAILBELT 2000-2025

THE GROWING IMPORTANCE OF THE MATANUSKA-SUSITNA BOROUGH IN THE GREATER ANCHORAGE REGIONAL ECONOMIC AREA

THE GROWING SHARE OF JOBS AND POPULATION IN THE MATANUSKA-SUSITNA BOROUGH

	WAGE AND SALARY JOBS				POPULATION			
YEAR	ANCH	MATSU	SUM	MATSU SHARE	ANCH	MATSU	SUM	MATSU SHARE
60	20.672	0.529	21.201	2.5%	82.833	5.188	88.021	5.9%
61								
62								
63								
64								
65	30.678	1.082	31.76	3.4%	102.337	6.125	108.462	5.6%
66								
67								
68								
69	37.786	1.001	38.787	2.6%	114.15	7	121.15	5.8%
70	41.995	1.145	43.14	2.7%	130.2	6.6	136.8	4.8%
71	45.452	1.414	46.866	3.0%	136.5	7.2	143.7	5.0%
72	48.252	1.445	49.697	2.9%	144	7.8	151.8	5.1%
73	50.627	1.607	52.234	3.1%	146.1	8.5	154.6	5.5%
74	58.813	1.784	60.597	2.9%	151	9.4	160.4	5.9%
75	69.608	2.02	71.628	2.8%	173.6	11.1	184.7	6.0%
76	73.021	2.269	75.29	3.0%	187.4	13.5	200.9	6.7%
77	76.995	2.524	79.519	3.2%	189.7	15.5	205.2	7.6%
78	76.893	2.954	79.847	3.7%	183.6	16.7	200.3	8.3%
79	77.502	3.078	80.58	3.8%	180.2	18.4	198.6	9.3%
80	78.174	3.264	81.438	4.0%	182.504	18.637	201.141	9.3%
81	86.162	3.7	89.862	4.1%	188.527	19.908	208.435	9.6%
82	98.081	4.382	102.463	4.3%	201.299	23.083	224.382	10.3%
83	102.703	5.354	108.057	5.0%	216.164	27.971	244.135	11.5%
84	108.386	6.542	114.928	5.7%	226.195	33.552	259.747	12.9%
85	110.888	6.996	117.884	5.9%	233.87	37.67	271.54	13.9%
86	105.602	6.699	112.301	6.0%	235.133	39.974	275.107	14.5%
87	99.553	6.193	105.746	5.9%	227.974	39.050	267.024	14.6%
88	99.062	6.095	105.157	5.8%	222.95	37.985	260.935	14.6%
89	103.44	6.51	109.95	5.9%	221.884	38.953	260.837	14.9%
90	109.962	7.077	117.039	6.0%	226.338	39.683	266.021	14.9%
91	112.979	7.878	120.857	6.5%	234.78	41.984	276.764	15.2%
92	114.138	8.253	122.391	6.7%	245.664	44.039	289.703	15.2%
93	116.603	8.667	125.27	6.9%	249.842	46.475	296.317	15.7%
94	119.1	9.575	128.675	7.4%	254.77	47.364	302.134	15.7%
95	119.499	10.08	129.579	7.8%	253.438	49.013	302.451	16.2%
96	119.948	10.075	130.023	7.7%	254.178	50.615	304.793	16.6%
97	122.987	10.685	133.672	8.0%	254.849	52.448	307.297	17.1%
98	126.776	11.367	138.143	8.2%	258.782	54.526	313.308	17.4%
99	128.295	11.735	140.03	8.4%	259.391	55.694	315.085	17.7%
0					260.283	59.322	319.605	18.6%