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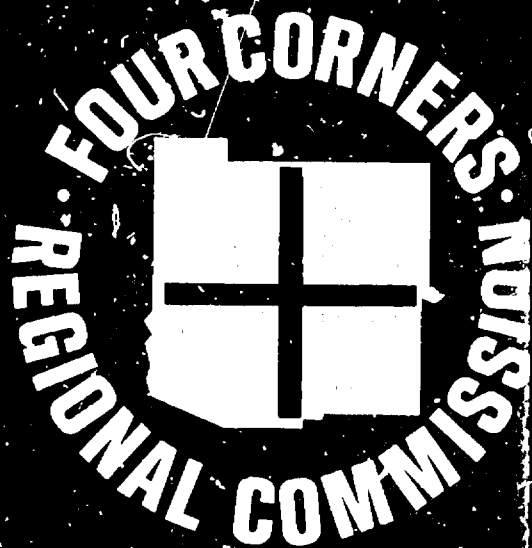
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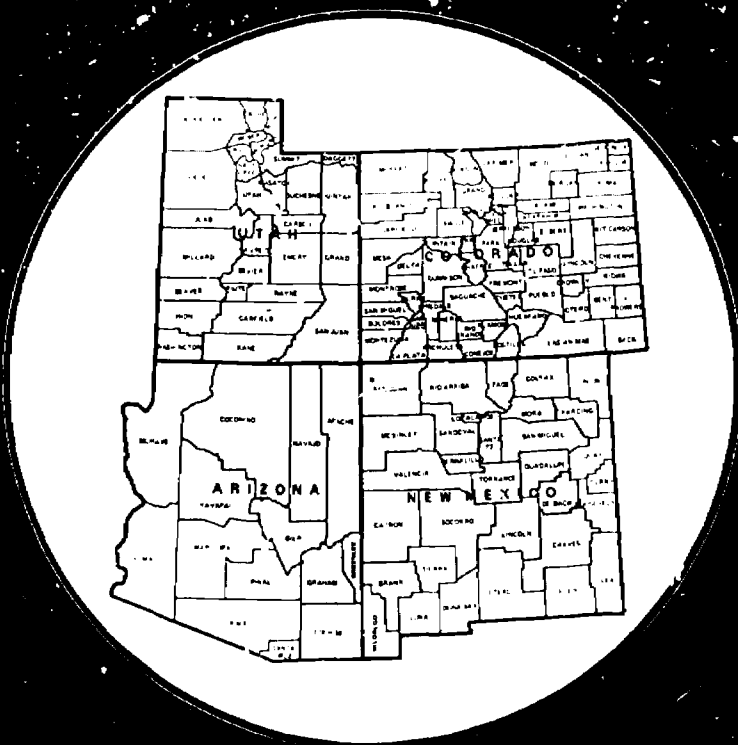
ABSTRACT

The Four Corners Regional Commission is a state-Federal partnership, the purpose of which is to initiate long-range planning, provide data for specific plans, promote private investment, promote legislation, establish plans and program priorities, and initiate and coordinate economic developmental districts in 92 counties in Arizona, Colorado, New Mexico, and Utah. In the 1970 annual report of the commission, planning and activities are described for the following areas: agriculture, minerals and fuels, recreation, tourism and retirement, transportation, human resources, water, and industrial development. Graphs and tables show population growth, land ownership, regional employment trends, distributions, grant awards, and budget. A related document is RC 005 230. (LS)

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Map of Region Showing Counties



COMMISSION

State Cochairman
DAVID F. CARGO
Governor of New Mexico

Federal Cochairman
L. RALPH MECHAM (Fiscal)
STANLEY WOMER (Present)

JACK WILLIAMS
Governor of Arizona

JOHN A. LOVE
Governor of Colorado

CALVIN L. RAMPTON
Governor of Utah

Commission

ELIE S. GUTIERREZ
Alternate, New Mexico

DWIGHT E. NEILL
Alternate, Colorado

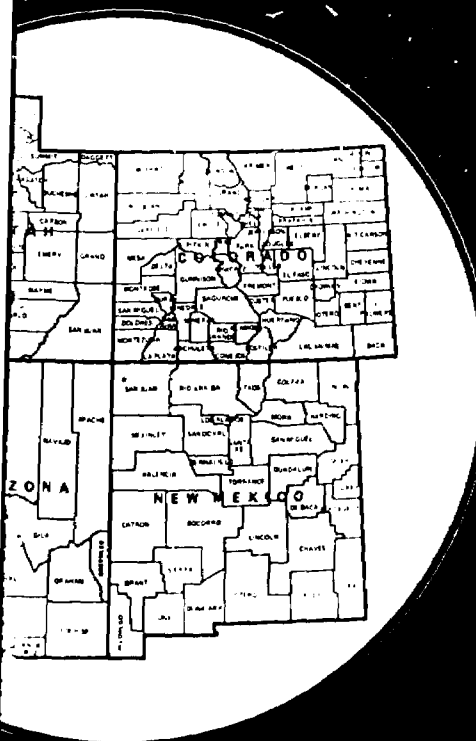
D. HOWE MOFFAT
Alternate, Utah

STANLEY WOMER (Fiscal)
HAWLEY ATKINSON (Present)
Alternate, Arizona

Executive Direc

ALLAN T. HOWE

Region Showing Counties



COMMISSION MEMBERS

State Cochairman
DAVID F. CARGO
Governor of New Mexico

Federal Cochairman
L. RALPH MECHAM (Fiscal Year 1970)
STANLEY WOMER (Present)

JACK WILLIAMS
Governor of Arizona

JOHN A. LOVE
Governor of Colorado

CALVIN L. RAMPTON
Governor of Utah

Commission Alternates

ELIE S. GUTIERREZ
Alternate, New Mexico

DWIGHT E. NEILL
Alternate, Colorado

D. HOWE MOFFAT
Alternate, Utah

STANLEY WOMER (Fiscal Year 1970)
HAWLEY ATKINSON (Present)
Alternate, Arizona

Executive Director

ALLAN F. HOWE

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LETTER OF TRANSMITTAL

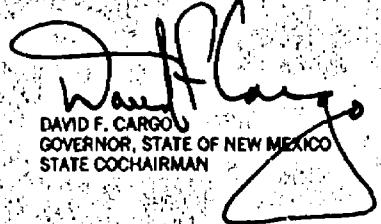
Dear Mr. Speaker/President:

Pursuant to Section 510 of the Public Works and Economic Development Act of 1965, this annual report is respectfully submitted to the Congress. Should further information be desired contact the Federal Cochairman's office in Washington, or the Commission's office in Farmington, New Mexico.

Sincerely,



STANLEY WOMER
FEDERAL COCHAIRMAN



DAVID F. CARGO
GOVERNOR, STATE OF NEW MEXICO
STATE COCHAIRMAN

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INTRODUCTION

Fiscal Year 1970 (July 1, 1969-June 30, 1970) was the second year of the Four Corners Regional Commission. This was also the final year of the Commission's administrative expenses. The Government met all of the Commission's administrative expenses. The four states collectively share these expenses on an equal basis.

During this fiscal year, L. Ralph Mecham of Utah, succeeded the Federal Cochairman on October 2, 1969. Mr. Mecham continued until the remainder of Fiscal Year 1970 and until he resigned to accept the Governorship of Utah on September 19, 1970. He has been succeeded by Stanley Womer of Arizona on September 21, 1970.

Governor David F. Cargo of New Mexico, has continued as the Governor of New Mexico all of Fiscal Year 1970.

Other State Commission Members during the year have been Governor John A. Love of Colorado, and Governor Jack

The Executive Director has been Allan T. Howe.

It is hoped that this report will provide for the reader a brief overview of the activities during this fiscal year period. If further information is desired, contact the office of the Federal Cochairman, Room 1898, Department of the Interior, or the Commission offices, 238 Petroleum Plaza Building, Fa

INTRODUCTION

Fiscal Year 1970 (July 1, 1969-June 30, 1970) was the second full year of operation for the Four Corners Regional Commission. This was also the final year for which the Federal Government met all of the Commission's administrative expenses. Commencing July 1, 1970, the four states collectively share these expenses on an equal basis with the Federal Government.

During this fiscal year, L. Ralph Mecham of Utah, succeeded W. D. Brewer of Colorado, as the Federal Cochairman on October 2, 1969. Mr. Mecham continued in this position throughout the remainder of Fiscal Year 1970 and until he resigned to accept other employment on September 19, 1970. He has been succeeded by Stanley Womer of Arizona, who assumed office on September 21, 1970.

Governor David F. Cargo of New Mexico, has continued as the State Cochairman during all of Fiscal Year 1970.

Other State Commission Members during the year have been Governor Calvin L. Rampton of Utah, Governor John A. Love of Colorado, and Governor Jack Williams of Arizona.

The Executive Director has been Allan T. Howe.

It is hoped that this report will provide for the reader a brief overview of the Commission's activities during this fiscal year period. If further information is desired, please contact either the office of the Federal Cochairman, Room 1898, Department of Commerce, Washington D.C. or the Commission offices, 238 Petroleum Plaza Building, Farmington, New Mexico, 87401.

BRIEF PROFILE OF THE FOUR CORNERS REGIONAL COMMISSION

- What is it?** A State-Federal partnership to increase productivity, jobs and income in an economically underdeveloped contiguous area of four states.
- What area is covered?** The Four Corners Region includes 92 counties in Utah, Arizona, Colorado and New Mexico. (See map inside front cover)
- What is its organization?** It was designated by agreement of the Governors of Arizona, Utah, Colorado and New Mexico, on December 19, 1966, with the concurrence of the Secretary of Commerce, John T. Connor. The Federal Cochairman was appointed in August, 1967, and the Executive Director was appointed in February, 1968. The Commission office was opened in Farmington, New Mexico, in March, 1968.
- How is it governed?** The Commission consists of five members—each of the Governors of the four states and a Federal Member, known as the Federal Cochairman, who is appointed by the President. Each Governor has appointed an Alternate Member. These five members set the policy of the Commission which is executed and administered by the Executive Director, who directs the staff and consultants to the Commission.
- What are its purposes?** The legislation authorizing the formation of regional commissions for economic development work identifies the following purposes:
- Initiate and coordinate the preparation of immediate and long-range overall economic development programs; foster surveys and studies to provide data for use in developing specific plans and programs; promote increased private investment; promote and coordinate public investment through various Federal Programs; promote legislative and executive programs for both short-range and long-range projects involving federal, state and local agencies; establish plans and program priorities with consideration for local, state and federal planning; provide a forum for consideration of problems common to the region and a means of communicating and sharing experience in the various sections of the region; and advise and assist the Secretary of Commerce and the states in the initiation and coordination of economic development districts, in order to promote maximum benefits from the expenditure of federal, state and local funds.

FOUR CORNERS REGIONAL COMMISSION
U.S. Department of Commerce
Washington, D.C. 20230

Area Code: 202 987-5534

OFFICE OF THE FEDERAL COCHAIRMAN

UTAH

COLORADO

ARIZONA

NEW MEXICO

The President of the Senate
The Speaker of the House of Representatives

Gentlemen:

Three years ago the Governors of the four states and the Federal Government joined in a partnership that had as its mission the lifting of the economy of the Four Corners Region and improving the lot of its people.

This Commission must help reverse the Region's continuing economic decline which is contrary to the National trend. Without this effort the income gap will continue to widen and the Region's economy will drop even further behind the growth of the total economy. There is little hope that without outside assistance we can correct this growing imbalance.

A plan for development has been completed and action-oriented projects initiated. These projects in vocational education, transportation, human and natural resources, community facilities, and industrial development have been effective in assisting those living within each area of influence but they are miniscule in comparison to the total task.

Only by marshalling the efforts of other responsible Federal agencies, the member states, private industry, and local people can the Commission begin to attain a suitable level of economic progress and adequate income for its people. To this the Four Corners Regional Commission is dedicated.

It is my hope that the Congress will strengthen the Commission, particularly in its efforts to prepare our large minorities of Mexican-Americans and Indians for gainful employment while at the same time stimulating industry and agriculture to create the necessary jobs for economic expansion. The Commission is serving as the catalyst to coordinate these forces but the mission has just begun.

Respectfully,

Stanley Wogner
Stanley Wogner
Federal Cochairman





STATE OF NEW MEXICO

OFFICE OF THE GOVERNOR
SANTA FE
87501

DAVID F. CARGO
GOVERNOR

The President of the Senate
The Speaker of the House of Representatives

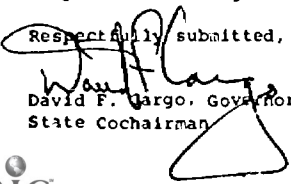
Gentlemen:

Four states in the center of the Nation's colorful and historic Great West are being rediscovered. In many aspects we are yet a virgin land fertile with natural resources, dearth of others and jealously protective of their harmonious development. We are committed that our development will be orderly and on a priority basis dictated by recognition that we have so many basic needs and constrained by the limits of our financial capability.

This third annual report reflects a conscious effort on the part of four state governors to work within our federal system for our states behalf as well as the national interest. Heretofore many projects conceived as necessary and desirable had been discussed at the local level without much hope for development. No mechanism existed to move forward many national interests reflected in congressional legislation. The Regional Commission concept has proved its worth and federal assistance, more so than before, has reached those benefactors for whom the legislation was intended to assist. Further, the concept has proved beyond a doubt that states can best reflect to the Congress the local needs and manage effectively, and at an improved cost benefit ratio, the combined resources of State-Federal-Local Governments, and more important the Commission work has proved its capability to work at grassroot level.

Our successes as well as our failures have been worth the effort and investment. The activity herein described speaks for itself. Your continued support and our sustained drive to advance the common good will lead to strengthening the bonds of State-Federal cooperation and a greater America.

Respectfully submitted,


David F. Cargo, Governor
State Cochairman

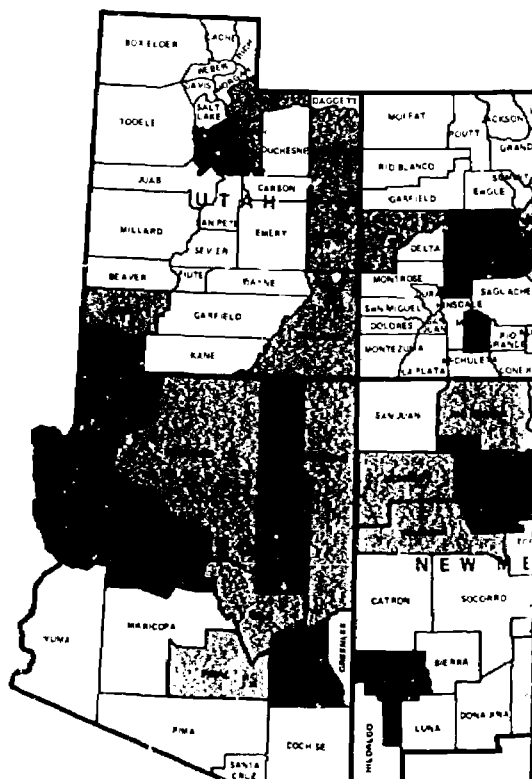


POPULATION GROWTH OF THE FOUR CORNERS REGIONAL COUNTIES DURING THE 1960's

From 1960 to 1970

The growth of the Four Corners Regional Counties was 12.5%, whereas the aggregate growth rate for the four states was 22.6%. If the four SMSA's in the Region (Albuquerque, Colorado Springs, Pueblo and Provo-Orem) are excluded from these figures, the remaining rural area growth rate was 4.7%.

The map at the right shows the pattern of 1960 to 1970 change for those counties in the Region. All data and rates of change are taken from Preliminary 1970 Census Data.

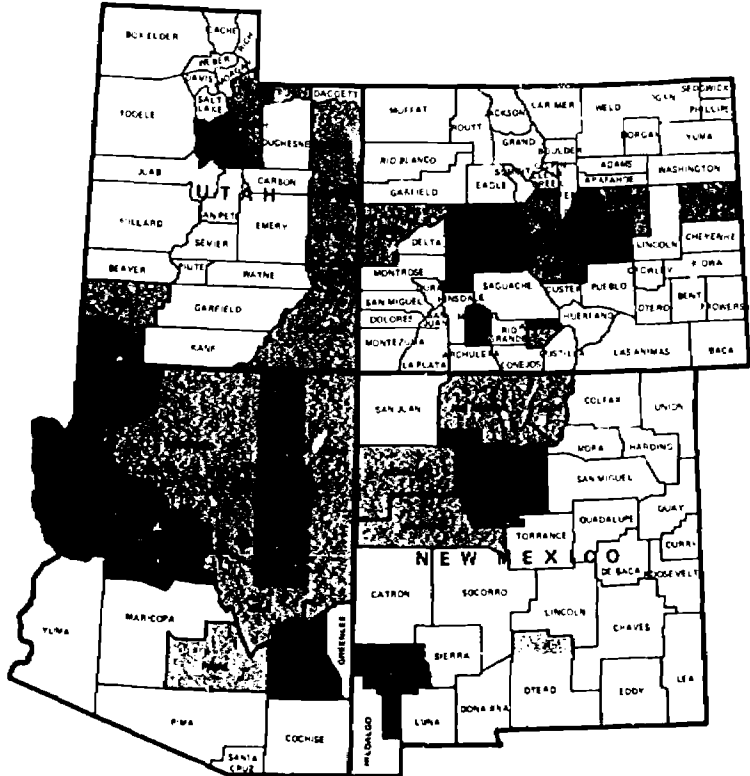


Population Growth Above Regional Average
 Population Growth Below Regional Average

POPULATION GROWTH OF THE FOUR CORNERS COUNTIES DURING THE 1960's

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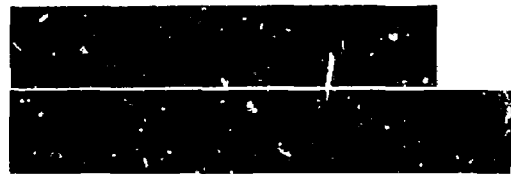


Population Growth Above Regional Average
 Population Growth Below Regional Average
 Absolute Population Decline

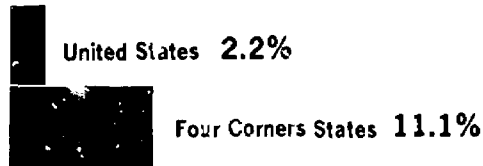
COMPARATIVE LAND OWNERSHIP DISTRIBUTION UNITED STATES AND FOUR CORNERS STATES

A major obstacle to effective development of the Four Corners Region is the high proportion of land owned and controlled by Federal, state and local governments and Indian Reservations. The bar graph at the right shows the predominance of government and Indian ownership in the Four Corners States as compared to the United States. This disparity is even greater in the Region, since it contains the larger Indian Reservations, extensive National Forests, National Recreational Areas and Parks and vast tracts of public domain, (BLM).

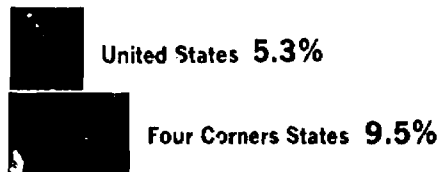
**Federal
Land**



**Indian
Trust
Land**



**State &
Local
Land**



**Private
Land**



*Source: U.S. Dept. of Agriculture, Economic Research Service

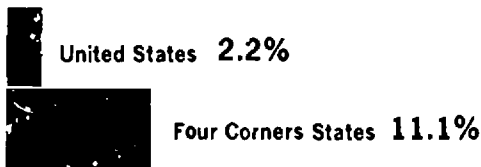
LAND OWNERSHIP DISTRIBUTION: UNITED STATES AND FOUR CORNER STATES

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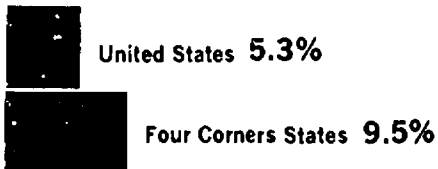
**Federal
Land**



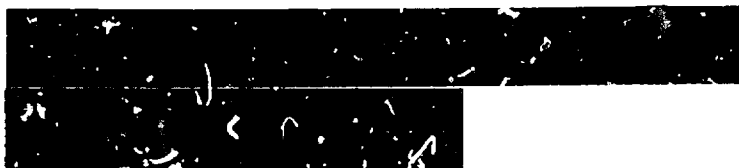
**Indian
Trust
Land**



**State &
Local
Land**



**Private
Land**



*Source: U.S. Dept. of Agriculture, Economic Research Service & State Dev. Plans.

REGIONAL EMPLOYMENT TRENDS BY SECTOR

EMPLOYMENT

Sector	1950		1960		1970*	
	No. Employed	% Total	No. Employed	% Total	No. Employed	% Total
Agriculture, Forestry & Fisheries.....	93,000	21.4	51,100	9.6	37,300	6.3
Mining	23,600	5.4	32,400	6.0	25,600	4.3
Construction	38,200	8.8	45,800	8.6	34,300	5.8
Manufacturing	42,300	9.7	57,100	10.7	66,100	11.1
Durable Goods	27,000	6.2	37,700	7.1	45,300	7.6
Non-Durable Goods	15,300	3.5	19,400	3.6	20,800	3.5
Transportation & Public Utilities	36,700	8.4	39,800	7.4	33,200	5.6
Wholesale & Retail Utilities.....	75,400	17.4	101,200	18.9	107,900	18.1
Finance, Insurance & Real Estate.....	8,700	2.0	16,600	3.1	19,400	3.3
Services	65,800	15.1	107,600	20.1	150,900	25.3
Government	42,200	9.7	66,500	12.4	103,200	17.3
Industry Not Reported.....	8,600	2.0	66,500	3.1	17,900	3.0
TOTAL	434,500	100.0	534,600	100.0	595,800	100.0

*projected

Source: Eldon G. Marr, *Population and Employment in The Four-Corners Development Region*, (Albuquerque: The University of New Mexico Bureau of Business Research, August, 1968).

EMPLOYMENT TRENDS BY SECTOR

	EMPLOYMENT						PERCENTAGE CHANGE	
	1950		1960		1970*		1950-1960	1960-1970
	No. Employed	% Total	No. Employed	% Total	No. Employed	% Total		
S.....	93,000	21.4	51,100	9.6	37,300	6.3	-45.1	-27.0
.....	23,600	5.4	32,400	6.0	25,600	4.3	37.3	-21.0
.....	38,200	8.8	45,800	8.6	34,300	5.8	19.9	-25.1
.....	42,300	9.7	57,100	10.7	66,100	11.1	35.0	15.8
.....	27,000	6.2	37,700	7.1	45,300	7.6	39.6	20.2
.....	15,300	3.5	19,400	3.6	20,800	3.5	26.8	7.2
es.....	36,700	8.4	39,800	7.4	33,200	5.6	8.4	-16.6
.....	75,400	17.4	101,200	18.9	107,900	18.1	34.2	6.6
ate.....	8,700	2.0	16,600	3.1	19,400	3.3	90.8	16.9
.....	65,800	15.1	107,600	20.1	150,900	25.3	63.5	40.2
.....	42,200	9.7	66,500	12.4	103,200	17.3	57.0	55.2
.....	8,600	2.0	66,500	3.1	17,900	3.0		
	434,500	100.0	534,600	100.0	595,800	100.0	23.0	11.4

Employment in The
Region, (Albuquerque:
Bureau of Business

COMPARATIVE EMPLOYMENT DISTRIBUTION: UNITED STATES AND FOUR CORNERS REGION

The distribution of employment in the Four Corners Region shows the areas reliance on trade, service and government payroll. Due to limited financial resources within the Region, there is relatively little "local industry" and "basic industry", which normally imparts its financial resources, has not been attracted to the area.

Although agricultural and mining employment are above the national average, these activities have been declining over the past two decades.

Agriculture Forestry & Fisheries	United States 4.7%
	Four Corners Region [redacted]
Mining	United States 0.8%
	Four Corners Region [redacted]
Construction	United States 5.9%
	Four Corners Region [redacted]
Manufacturing	Four Corners Region [redacted]
Transportation & Public Utilities	United States 6.1%
	Four Corners Region [redacted]
Wholesale & Retail Trade	[redacted]
Finance, Insurance & Real Estate	United States 4.5%
	Four Corners Region 3.2%
Services	[redacted]
Government	[redacted]

EMPLOYMENT DISTRIBUTIONS: S AND FOUR CORNERS REGION

Agriculture Forestry & Fisheries	United States 4.7%	Four Corners Region 7.1%
Mining	United States 0.8%	Four Corners Region 4.5%
Construction	United States 5.9%	Four Corners Region 6.2%
Manufacturing		Four Corners Region 11.0%
Transportation & Public Utilities	United States 6.5%	Four Corners Region 5.9%
Wholesale & Retail Trade		
Finance, Insurance & Real Estate	United States 4.5%	Four Corners Region 3.2%
Services		
Government		

*Source: Marr, Eldon G.

FOUR CORNERS REGIONAL COMMISSION ACTIVITIES - FISCAL YEAR 1970

The most satisfactory method to convey to the reader the activities of the Four Corners Commission during Fiscal Year 1970 is by a brief description of those functions of greatest material to sharpen understanding. The following sections showing emphasis areas supported will hopefully provide that communication, even though this brief report does not provide full opportunity for explanation.

HUMAN RESOURCES

The human resource of the Region is its real strength. Only by building and assisting the employment opportunities, educational opportunities, health and housing opportunities for the people of the Region can we succeed in making the human resource more responsive to economic development opportunities.

Employment Opportunities:

Through its work with the Departments of Employment Service of the four states, the Commission has produced a report which analyzes the comparative employment situation of the Region with the whole states and the nation. This work together with a survey of job potentials from expansion of present employers in the Region have provided the basis for Commission support of several needed manpower services, including more adequate educational and skill preparation, continued new aggressive efforts to attract employers to areas of surplus labor, expanded job information within and adjacent to the Region, remedial manpower services for adults wishing to locate at job sites within the Region, and more personalized services for analysis of individual employer's manpower obstacles.

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FOUR CORNERS REGIONAL COMMISSION ACTIVITIES - FISCAL YEAR 1970

Every method to convey to the reader the activities of the Four Corners Regional Commission for Fiscal Year 1970 is by a brief description of those functions with some visual aids for better understanding. The following sections showing emphasis areas of the programs fully provide that communication, even though this brief report cannot provide a detailed explanation.

RESOURCES

One of the Region's real strengths is its human resources. By identifying and assisting the employment needs, educational opportunities, health and welfare needs for the people of the Region can be met, making the human resource more productive and economic development opportunities.

Employment Opportunities:

In cooperation with the Departments of Employment Security of the states, the Commission has produced a study that analyzes the comparative employment needs of the Region with the whole states and the surrounding areas together with a survey of job potentials. The present employers in the Region have been identified for Commission support of several programs of services, including more adequate vocational skill preparation, continued new programs to attract employers to areas of surplus labor, job information within and adjacent areas, remedial manpower services for adults, job placement at job sites within the Region, and more studies for analysis of individual employment power obstacles.

Accomplishment of these objectives will be carried out closely with the Departments of Employment Service and the special employment offices, both public and private, serving, especially, Indian and Spanish surnamed citizens.

Educational Opportunities

The Commission has chosen to place its major emphasis for building educational opportunities in the Region in the field of vocational-technical education. A major planning effort with the states for regional vocational technical education needs was completed and outlined a logical plan for implementation. A number of programs consistent with the Regional Plan have been successfully instituted through both the use of Supplemental Grants for assistance, building and equipment for facilities, as well as, the Technical Assistance program to fund research and demonstration innovations.

Supplemental Grants:

Two vocational-technical education units have been assisted by Commission funds during this year. The new facility at Espanola, New Mexico, received \$80,000 and the new facility at Moab, Utah, received \$147,300. During the year the Commission's first completed vocational-

Technical education facility was dedicated by Governor John A. Love at Monte Vista, Colorado. (See picture below)

Technical Assistance and Demonstration Projects:

During the year special planning assistance grants for new facilities were made to the states as follows: Vocational Skill Centers Planning, Arizona, \$45,000; Voc-Ed Planning, Pueblo, \$6,485 and San Luis Valley Voc-Ed School, Monte Vista, Colorado, \$6,947; Silver City, New Mexico, \$8,000 and Fort Luna, New Mexico, \$12,198, Espanola, New Mexico, \$12,300 and San Juan Branch College, Farmington, N.M. \$23,633; Moab and Blanding, Utah, \$23,600.

Support was provided in the amount of \$6,095 to Northern Arizona University at Flagstaff, for the development of a Regional Interstate Trade and Industrial Conference involving all vocational-technical education leaders of the four states.



SAN LUIS VALLEY VOCATIONAL-TECHNICAL EDUCATION SCHOOL,
MONTE VISTA, COLO.
Total Cost \$620,000.00 Federal Vo-Tech Funds: \$200,000.00
CRC Supplemental Grant: \$120,000.00 Local Funds: \$300,000.00

Innovations in vocational counseling were sought through a project funded at Socorro, New Mexico, in the amount of \$8,093, and a new system to update the skill and provide apprenticeship training in remote areas was sought through a grant to the State Department of Vocational-Technical Education in New Mexico, for \$18,335.

Believing with the state vocational-technical education leaders that the services must be taken to the remote and isolated areas of the Region, the Commission financed mobile systems in Arizona for a Mobile Library Bookmobile, \$25,000; and in Colorado for a Mobile Careers Information Center, \$49,295. These projects will provide useful information regarding the mobile technique for application elsewhere in the Region.

Health:

With the dual need of expanded medical facilities and improved delivery methods for medical services facing the



Shown above are Navajo children surrounding the new Mobile Library Bookmobile funded by the Commission and operated by the Arizona State Department of Library and Archives.

Region, the Commission has allocated funds for assistance in the construction of several new units and expansions to some existing ones.

SUPPLEMENTAL GRANTS:

Medical units receiving supplemental grants during the past year were: Marcus J. Lawrence Hospital, Cottonwood, Arizona, \$32,000; Montelores Nursing Home, Cortez, Colorado, \$140,544; Trinidad Hospital, Trinidad, Colorado, \$140,000; Los Lunas Hospital, Los Lunas, New Mexico, \$89,450; Kane County Hospital, Kanab, Utah, \$36,000; Valley View Medical Center, Cedar City, Utah, \$25,650.

The Gunnison Valley Hospital, Gunnison, Utah, was completed during the year. Commission funds in the amount of \$55,750 contributed to its total cost of \$456,676.00. Local participation was \$211,087.00 and the Federal Basic Grant was \$189,839.00.

TECHNICAL ASSISTANCE AND DEMONSTRATION PROJECTS:

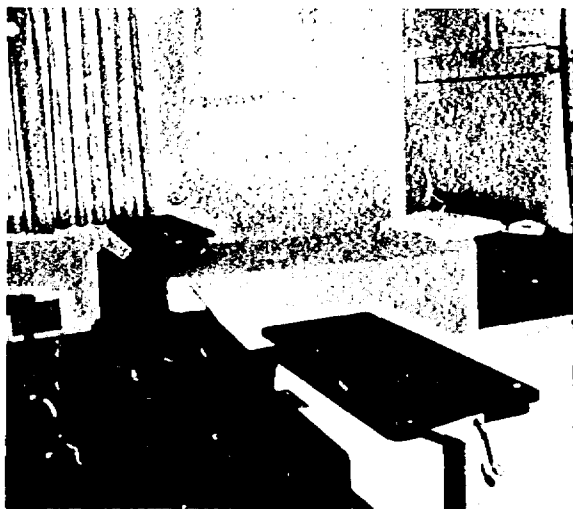
The Commission expects to provide assistance to the states through coordination of the ongoing state health planning functions and the design of some areas for regional cooperation, as well as, innovations for demonstrations.

Housing:

Initial planning studies completed by the Commission indicate that housing needs are important to the economic growth of the Region. The Commission has worked cooperatively with governmental departments with housing funding authority and will move to more adequately survey current demands impeding economic expansion, as well as, guiding a coordinated impact of existing programs toward meeting those needs. A technical assistance grant in the amount of \$13,800 was provided the University of New Mexico for a study on the feasibility of the use of mobile production of adobe blocks for low cost housing.



Gunnison Valley Hospital, Gunnison, Utah



TRANSPORTATION

The low population density, rugged terrain, widely separated communities and limited facilities have combined over the years in the Region to impede the development of an adequate transportation network. Major improvements in highway and air transportation routes and facilities are needed. The Commission has moved to mold its program to assist in meeting these needs.

Supplemental Grants:

Two road projects have been assisted this year with funding which both provide better access for a number of development purposes in the Region. They are Heber Highway, Arizona, \$425,780, and Twining-Red River Road, New Mexico, \$60,130.



Heber Highway, Arizona

The Commission also continued its assistance to the development of the Navajo Lake Airport, New Mexico, a project begun last year to provide better access to an important regional recreational area. The grant was for \$28,805.

Technical Assistance and Demonstration Projects:

A ten year high priority road building program, phased in two five year sections, has been designed by the combined planning efforts of all road building agencies in the Region. This work has been contracted with each state highway department in the amount of \$6,000 each, but has included the work of the U.S. Bureau of Public Roads, U.S. Forest Service, National Park Service, Bureau of Land Management, Bureau of Reclamation and Bureau of Indian Affairs. The program has been presented to the Commission and will be later presented to appropriate Congressional representatives for review.

Substantial groundwork has been laid by the Commission for its assistance to the four states in air routes and facilities planning in the future. The Commission has financed a special study to determine economic feasibility of a new jet airport facility in the immediate Four Corners area to serve the general service areas of Cortez and Durango, Colorado, and Farmington, New Mexico. This grant was in the amount of \$29,880.

INDUSTRIAL DEVELOPMENT

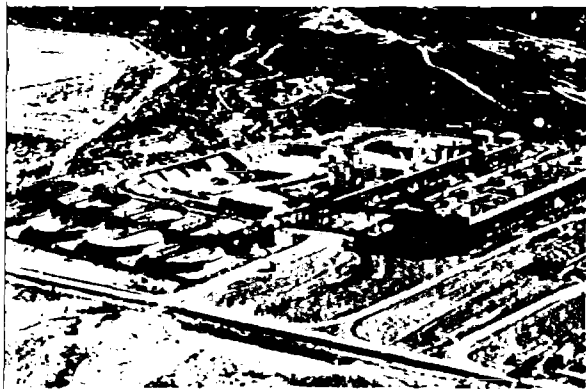
The building of the industrial sector of the Region's economy is a long-range goal but certain steps have been taken by the Commission to reduce the time factor involved. One of these approaches has been the strengthening of community facilities to serve industry and supplemental grants have been helpful to provide these needs. Also, considerable emphasis has been given industrial site location decisions by funding from the technical assistance fund.

Supplemental Grants:

The improvement of water facilities for service to business and industry has been assisted by supplemental grants in the following amounts: St. John's, Arizona, \$82,000; Dove Creek, Colorado, \$20,000; Penrose, Colorado, \$25,538; Mosquero, New Mexico, \$15,000; Questa, New Mexico, \$17,000; Ephraim, Utah, \$20,000; and Manila, Utah, \$9,800.

Improved sewage facilities were assisted in the following amounts: Flagstaff, Arizona, \$63,170; Show Low, Arizona, \$45,000; Blende, Colorado, \$53,600; Collbran, Colorado, \$15,955; Cortez, Colorado, \$140,140; Crested Butte, Colorado, \$28,116; Hutchkiss, Colorado, \$26,290; Bayard, New Mexico, \$23,740; Los Lunas, New Mexico, \$69,900; Mountainair, New Mexico, \$13,160; Red River, New Mexico, \$25,766; and Delta, Utah, \$50,000.

Combined grants for both water and sewage facilities improvements were granted to the following two communities: Avondale, Colorado, \$51,000; and Springer, New Mexico, \$60,300.



Private development of Brush Beryllium plant brought new jobs and need for improved sewage facilities at Delta, Utah.

Technical Assistance and Demonstration Projects:

Work has continued on the Regional Economic Structure and Industrial Feasibility planning program, contracted with the Battelle Memorial Institute with subcontracts at state universities in the Region. This analysis will provide a sectored view of the Region's economy, with special emphasis on the selective areas of emphasis for industrialization in the Region. Methods for examining and weighing industrial prospects for the Region will be designed. This will provide a most useful tool for the Commission and other organizations working at state and local levels to move industries to the Region.

A small technical assistance grant in the amount of \$954.00 was provided for a special study of expanded sewage facilities at Ouray, Colorado.

The Commission has worked actively with several industry prospects which desire locations in the Region. State and local development offices have been involved to sell their respective areas. Needed support activities have been assisted to remove obstacles toward regional locations.

NATURAL RESOURCES

When one surveys the economic problems faced by the Region, one must also, in balance, look at the tremendous base of undeveloped natural resources that abound throughout the Region. This view gives hope for the orderly and wise use of these natural resources to assist meeting the economic development needs of the Region. For purposes of this report, the Commission's programs in this field have been grouped into the agriculture and agribusiness sector, the water development sector, the minerals and fuels sector and the recreation, tourism and retirement sector. Supplemental grants and the usage of technical assistance funds for research, planning and demonstration projects have been listed in the areas described.

Agriculture and Agri-Business:

Agriculture continues to be an important sector of the Region's economy even though its impact is declining because of poor access to markets, increasing costs and difficult climate and geographical conditions. New opportunities, nonetheless, also appear through new technology and improved marketing methods.

SUPPLEMENTAL GRANTS:

Two agricultural irrigation systems were strengthened to improve water usage with grants to: Terrace Irrigation Company, Conejos County, Colorado, \$7,427; and Hogback Irrigation Company, Shiprock, New Mexico, \$8,700.

TECHNICAL ASSISTANCE AND DEMONSTRATION PROJECTS:

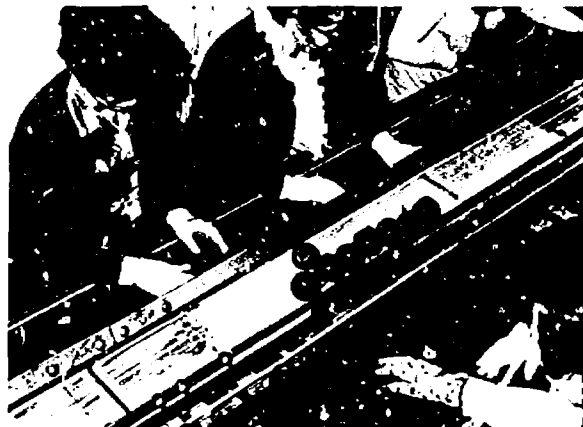
Funds were provided by the Commission for a comprehensive analysis of the Region's agricultural and agri-business development opportunities by the four state land grant colleges under the direction of the New Mexico State University. Work will continue on this study during the current fiscal year and periodic reports should reveal early opportunities for Commission support, as the work continues.

Several technical assistance grants have made possible innovative study and research projects in areas of potential development and some grants have provided funds for the construction of demonstration projects to test ideas for agri-business and economic development.

These grants are: Pine Stump Processing, Arizona, \$24,000; Apple Production and Marketing, New Mexico, \$20,340; Turkey Processing, Cheraw, Colorado, \$4,420; Feedlot Meatpacking Feasibility, Colorado, \$5,800; Expanded Soil and Water Investigation in Southwestern Colorado, \$31,852; Bean Products Feasibility, Colorado, \$15,000; Egg Production Feasibility, \$7,440; Agricultural Opportunities through the Navajo Irrigation Project, New Mexico, \$40,000; Warmup Feedlots, New Mexico, \$60,000; Apple Storage and Marketing Facility, Espanola, New



New Mexico Apple Processing Plant



Mexico, \$28,300; Row Crop Industry, Sanpete County, Utah, \$6,300 and a Cooperative Range Improvement Program, \$18,670.

The Commission staff has aided many small agricultural groups not able to acquire production or marketing assistance to obtain the same. Many cooperative ventures with state and federal agricultural personnel for technical assistance to farmers and ranchers have been designed and executed by the Commission staff.

Water Development:

Since the availability and wise use of water is the key to every phase of economic development in the arid terrain covered by the Region, this sector has been emphasized in the Commission's development work. The Commission staff has been cooperatively involved with the several state and federal water planning agencies so that the Commission is both aware and able to influence water planning in the Region. Supplemental grants and technical assistance have aided this objective.

SUPPLEMENTAL GRANTS:

Although the Commission's involvement with the many local water systems is treated elsewhere in this report, these grants should also be considered when viewing Commission support for the improvement of water facilities. However, there have been two major water storage systems which have gained Commission support this year, in addition to the local water projects. These are: Largo Dam, New Mexico, \$86,799, and Gunlock Dam, Washington County, Utah, \$350,000.

TECHNICAL ASSISTANCE AND DEMONSTRATION PROJECTS:

The Commission staff has monitored the various water planning functions being carried out by several state and federal agencies. This has made possible the involvement of the Commission in supporting needed projects at Congressional hearings.

The Commission has provided a coordinating function for the agencies concerned with the continued funding and early completion of the Navajo Indian Irrigation Project.

A technical assistance grant in the amount of \$6,500 made possible a feasibility study of alternative methods to serve citizens in Albuquerque, New Mexico, through the North Valley Mutual Water Association.

Minerals and Fuels:

While the minerals and fuels sector of the economy of the Region is important, it has declined because of advanced technology, market limitations and spiraling costs. Knowing that the Region has great resources for mineral and fuel exploration and extraction, the Commission has moved to find new development opportunities in this area. While supplemental funding which the Commission has provided for community facility improvements, transportation, skill training and other functions, serve to support the minerals and fuels industries also, no supplemental grants have directly gone to these industry sectors. The technical assistance funds have provided the opportunity for needed planning

TECHNICAL ASSISTANCE AND DEMONSTRATION PROJECTS:

The Commission has funded a planning program with the University of Arizona for a comprehensive analysis of the Minerals and Fuels Industry of the Region. The study primarily seeks ways to allow the Commission to explore new development opportunities in this sector, as well as, provide a current inventory of minerals and fuels resources of the Region.

Tourism, Recreation and Retirement:

With abundant beauty and superb climate, the Region offers much for the development of this sector of the economy but serious gaps in the transportation network, lack of destination-type recreation facilities and very limited recreational investment capital impede development opportunities. Supplemental grant and technical assistance funds have made possible some attempts by the Commission to assist.

SUPPLEMENTAL GRANTS:

The Commission granted a supplemental grant in the amount of \$30,000 to assist in the construction of the Mescalero Apache Museum at Mescalero, New Mexico.

This facility will provide an attraction to bring tourists to the reservation and to hold their interest in this and nearby features for a longer period of time.

TECHNICAL ASSISTANCE AND DEMONSTRATION PROJECTS:

Nearing completion is the Regional Analysis of Recreation, Tourism and Retirement potentials for development opportunities, contracted with Development Research Associates. This study will provide a method to examine the best development opportunities in this sector in the Region.

An interesting demonstration project funded and completed during the year was the Navajo Indian Tours project. This project provided the opportunity to examine and measure potential for Navajo operated tours on the Reservation to key sightseeing locations. Valuable techniques and information was developed for application in a business enterprise.

STATE AND SUBREGIONAL PLANNING ASSISTANCE

The Commission has continued grants to each state planning office during Fiscal Year 1970 in the amount of \$36,000 per state for assistance with several areas of state-oriented planning that will eventually fit into the Comprehensive Regional Plan. The functions outlined for state planning office assistance are jointly discussed by the Commission staff and the state planning personnel and close liaison is maintained with each office.

The Commission has also provided a grant to each state in the amount of \$20,000 for administrative and technical support for Commission activities in each state. This fund has made possible the employment of personnel, production costs for materials, and travel for state agency personnel working with the Commission staff.

During the past fiscal year the support for the economic planning work of the Indian Development Commission which includes 17 Indian Reservations. The grant amount was \$47,500.

Close coordination between the staffs of other units involved in economic development work was accomplished during the year. The Commission has worked areas in the Development District, Pueblo, Mexico Development District, Indian Development District of Six County Development District, Southeastern Utah Development Council of Governments, Rio Grande, New Mexico; Federation of Regional Councils, Denver, Colorado; Regional Resource and Conservation District under the Department of Agriculture.

COMPREHENSIVE REGIONAL DEVELOPMENT PLAN

During the year additional work on the preliminary comprehensive regional plan. This preliminary plan has been submitted to the Department of Agriculture.

As the planning work of the Commission progresses it is anticipated that the Regional Plan will be revised and updated with new programs and projects as they are developed by the working groups.

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REGIONAL DISTANCE

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During the past fiscal year the Commission has continued support for the economic planning and development work of the Indian Development District of Arizona, which includes 17 Indian Reservations in the state. The grant amount was \$47,500.

Close coordination between the Commission staff and the staffs of other units involved in some phases of economic development work in the Region was accomplished during the year. Groups with which the Commission has worked are the Southern Colorado Development District, Pueblo, Colorado; Northern New Mexico Development District, Santa Fe, New Mexico; Indian Development District of Arizona, Phoenix Arizona; Six County Development District, Nephi, Utah; Southeastern Utah Development District, Price, Utah; Council of Governments, Rio Grande Valley, Albuquerque, New Mexico; Federation of Rocky Mountain States, Denver, Colorado; Regional Rural Development Council (Department of Agriculture agencies) and several Resource and Conservation Development units funded under the Department of Agriculture.

COMPREHENSIVE REGIONAL DEVELOPMENT PLAN

During the year additional work was done on refining the preliminary comprehensive regional development plan. This preliminary plan has been submitted as required to the Department of Commerce for review.

As the planning work of the Commission is completed, it is anticipated that the Regional Plan will be revised and updated with new programs and directions added as they are developed by the work of the Commission.

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FY 1970 FCRC SUPPLEMENTAL GRANT PROGRAM

	Total Cost	Basic Grant
ARIZONA		
Flagstaff Sewage	\$ 2,704,595	\$ 892,510
Heber Highway	1,567,000	784,000
Cottonwood Hospital	164,800	82,400
St. Johns Water	414,000	207,000
Show Low Sewage	117,404	38,740
	\$ 4,967,799	\$2,004,650
COLORADO		
Avcndale Water and Sewage	\$ 490,400	\$ 142,000
Blende Sewage	114,500	38,000
Collbran Sewage	47,300	14,190
Cortez Sewage	675,200	202,560
Crested Butte Sewage	78,800	23,640
Dove Creek Water	150,000	20,000
Hotchkiss Sewage	66,000	19,800
Montelores Nursing Home	1,079,620	480,219
Penrose Water	197,923	99,600
Terrace Irrigation	24,754	12,377
Trinidad Hospital	2,500,000	1,125,000
	\$ 5,424,497	\$2,177,386
NEW MEXICO		
Bayard Sewage	\$ 79,134	\$ 23,730
Espanola Voc-Ed Facility	1,014,000	731,200
Hogback Irrigation	29,000	14,500
Largo Dam	539,650	161,800
Los Lunas Hospital	623,958	267,254
Los Lunas Sewage	148,800	49,100
Mescalero Apache Museum	304,000	212,800
Mosquero Water	39,000	15,000
Mountainair Sewage	66,400	21,910
Navajo Airport	120,725	67,775
Questa Water	355,000	65,600
Red River Sewage	234,001	70,200
Springer Water and Sewage	191,830	10,000
Twining-Red River Road	1,000,660	677,600
	\$ 4,746,158	\$2,387,869
UTAH		
Delta Sewage	\$ 339,000	\$ 101,700
Ephraim Water	305,000	183,000
Gunlock Dam	1,037,720	135,000
Kane County Hospital	125,000	62,500
Manila Water	67,000	33,000
Moab Voc-Ed Facility	320,000	100,000
Valley View Medical Center	253,203	125,452
	\$ 2,446,923	\$ 740,652
GRAND TOTAL	\$17,585,377	\$7,310,557

SUPPLEMENTAL GRANT PROGRAM

	Total Cost	Basic Grant	FCRC Grant	State-Local Funds
.....	\$ 2,704,595	\$ 892,510	\$ 63,170	\$1,748,915
.....	1,567,000	784,000	425,780	357,220
.....	164,800	82,400	32,000	50,400
.....	414,000	207,000	82,800	124,200
.....	117,404	38,740	45,000	33,664
	<u>\$ 4,967,799</u>	<u>\$2,004,650</u>	<u>\$ 648,750</u>	<u>\$2,314,399</u>
.....	\$ 490,400	\$ 142,000	\$ 51,000	\$ 297,400
.....	114,500	38,000	53,600	22,900
.....	47,300	14,190	15,955	17,155
.....	675,200	202,560	140,140	332,500
.....	78,800	23,640	28,116	27,044
.....	150,000	20,000	20,000	110,000
.....	66,000	19,800	26,290	19,910
.....	1,079,620	480,219	140,544	458,857
.....	197,923	99,600	25,538	72,785
.....	24,754	12,377	7,427	4,950
.....	2,500,000	1,125,000	140,140	1,234,860
	<u>\$ 5,424,497</u>	<u>\$2,177,386</u>	<u>\$ 648,750</u>	<u>\$2,598,361</u>
.....	\$ 79,134	\$ 23,730	\$ 23,740	\$ 31,664
.....	1,014,000	731,200	80,000	202,800
.....	29,000	14,500	8,700	5,800
.....	539,650	161,800	86,799	291,051
.....	623,958	267,254	89,450	267,254
.....	148,800	49,100	69,900	29,800
.....	304,000	212,800	30,000	61,200
.....	39,000	15,000	15,000	9,000
.....	66,400	21,910	13,160	31,330
.....	120,725	67,775	28,805	24,145
.....	355,000	65,000	57,000	233,000
.....	234,001	70,200	25,766	138,035
.....	191,830	10,000	60,300	121,530
.....	1,000,660	677,600	60,130	262,930
	<u>\$ 4,746,158</u>	<u>\$2,387,869</u>	<u>\$ 648,750</u>	<u>\$1,709,539</u>
.....	\$ 339,000	\$ 101,700	\$ 50,000	\$ 187,300
.....	305,000	183,000	20,000	102,000
.....	1,037,720	135,000	350,000	552,720
.....	125,000	62,500	36,000	26,500
.....	67,000	33,000	19,800	14,200
.....	320,000	100,000	147,300	72,700
.....	253,203	125,452	25,650	102,101
	<u>\$ 2,446,923</u>	<u>\$ 740,652</u>	<u>\$ 648,750</u>	<u>\$1,057,521</u>
GRAND TOTAL	<u><u>\$17,585,377</u></u>	<u><u>\$7,310,557</u></u>	<u><u>\$2,595,000</u></u>	<u><u>\$7,679,820</u></u>

FY 1970 FCRC TECHNICAL ASSISTANCE PROGRAM

Title of Study	FCRC Cost	Title of Study
REGIONAL		
Tourism, Recreation & Retirement Study.....	100,000	Potential Bean Market Study.....
Early Job Potential.....	107,563	Mobile Careers Information Center.....
Economic Structure & Industrial Feasibility.....	150,000	Egg Production Feasibility Study.....
Development Loan Fund.....	425	State Planning & Administrative Support.....
Minerals & Fuels Study.....	68,865	
Comprehensive Planning.....	2,500	
Four Corners Regional Airport.....	29,880	
Comprehensive Agricultural Study.....	100,000	
ARIZONA		NEW MEXICO
Navajo Tours.....	\$ 18,711	San Juan Branch College.....
Interstate Trade & Industrial Conference.....	6,095	Silver City Vocational Planning.....
Vocational Skill Centers Planning.....	45,500	Skill Improvement & Apprentice Training.....
Pine Stump Processing—Phase I & II.....	44,724	Fort Luna Vocational Education Planning.....
Indian Development District of Arizona.....	47,500	Agricultural Experimental Station.....
Mobile Library Bookmobile.....	25,000	Warmup Feedlots.....
State Planning & Administrative Support.....	56,000	Transportation Study.....
		Adobe Feasibility Study.....
		North Valley Mutual Water Association.....
		Espanola Vocational Education Planning.....
		Vocational Counseling—Socorro Pilot.....
		Espanola Valley Apple Facility.....
		Indian Aids Centers.....
		State Planning and Administrative Support.....
COLORADO		
Ouray Sanitation District.....	\$ 954	
Pueblo Vocational Education Planning.....	6,485	
Apple Production & Marketing.....	20,340	
Transportation Study.....	3,985	
Cheraw Turkey Processing Study.....	4,420	
San Luis Valley Vocational Education Planning.....	6,947	
Feedlot Meatpacking Study.....	5,800	
Expanded Soil & Water Investigation.....	31,852	
		UTAH
		Moab & Surrounding Vocational Area Planning.....
		Row Crop Industry.....
		Range Improvement Program.....
		Transportation Study.....
		State Planning and Administrative Support.....
		GRAND TOTAL

TECHNICAL ASSISTANCE PROGRAM

	FCRC Cost	Title of Study	FCRC Cost
ement Study.....	100,000	Potential Bean Market Study.....	15,000
.....	107,563	Mobile Careers Information Center.....	49,295
ustrial Feasibility.....	150,000	Egg Production Feasibility Study.....	7,440
.....	425	State Planning & Administrative Support.....	56,000
.....	68,865		
.....	2,500		
ort.....	29,880		
Study.....	100,000		
		NEW MEXICO	
	\$ 18,711	San Juan Branch College.....	23,633
l Conference.....	6,095	Silver City Vocational Planning.....	8,000
anning.....	45,500	Skill Improvement & Apprentice Training.....	18,335
ase I & II.....	44,724	Fort Luna Vocational Education Planning.....	12,198
t of Arizona.....	47,500	Agricultural Experimental Station.....	40,000
.....	25,000	Warmup Feedlots.....	60,000
ative Support.....	56,000	Transportation Study.....	845
		Adobe Feasibility Study.....	13,800
		North Valley Mutual Water Association.....	6,500
		Espanola Vocational Education Planning.....	12,300
		Vocational Counseling—Socorro Pilot Project.....	8,093
		Espanola Valley Apple Facility.....	28,300
		Indian Aids Centers.....	25,000
		State Planning and Administrative Support.....	56,000
	\$ 954		
n Planning.....	6,485		
ng.....	20,340	UTAH	
.....	3,985	Moab & Blanding Vocational Area Planning.....	23,600
Study.....	4,420	Row Crop Industry.....	6,300
ducation Planning.....	6,947	Range Improvement Program.....	18,670
.....	5,800	Transportation Study.....	6,139
stigation.....	31,852	State Planning and Administrative Support.....	56,000
		GRAND TOTAL	\$1,434,994

FINANCIAL REPORT

SUPPLEMENTAL GRANT PROGRAM FY 1970

Funds Available

Obligations

Balance

TECHNICAL ASSISTANCE FUNDS

FY 1969 Carry-over

Treasury Funds

FY 1970 Funds

Total Available

Project Obligations

FY 1970 Carry-over

STATE INVESTMENT PLAN FUNDS FY 1970

FY 1969 Carry-over

FY 1970 Obligations

Balance

COMMISSION ADMINISTRATIVE EXPENSES FY 1970

Personnel Costs

Travel

Other Services

Total

FEDERAL COCHAIRMAN'S OFFICE ADMINISTRATIVE EXPENSE FY 1970

Personnel Costs

Travel

Other Services

Total

REPORT

PROGRAM FY 1970

\$2,595,000.00

2,595,000.00

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JNDS

\$ 885,820.70

(3,537.15)

789,000.00

1,671,283.55

(1,441,102.31)

\$ 230,181.24

FUNDS FY 1970

\$ 144,000.00

(144,000.00)

-0-

ADDITIONAL EXPENSES FY 1970

\$ 274,069.00

50,556.00

108,225.00

\$ 432,850.00

OFFICE ADMINISTRATIVE EXPENSE FY 1970

\$ 165,727.00

20,954.00

29,078.00

\$ 215,759.00

COMMISSION MEMBERS



State Co-Chairman
David F. Cargo
Governor New Mexico



Federal Cochairman
Stanley Womer, Arizona



John A. Love
Governor of Colorado



Calvin L. Rampton
Governor Utah

Commission Alternates

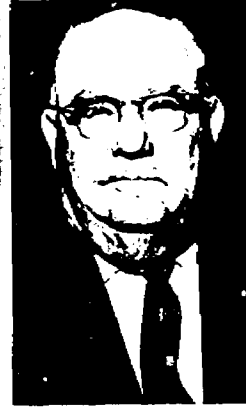
Elie S. Gutierrez, N.M.



Dwight E. Neill, Colo.



D. Howe Moffat, Utah



Harley Atkinson, Ariz.



MEMBERS



Federal Cochairman
Stanley Womer, Arizona



John A. Love
Governor of Colorado



Calvin L. Rampton
Governor of Utah



Jack Williams
Governor of Arizona

Alternates

Dwight E. Neill, Colo.



D. Howe Moffat, Utah



Hawley Atkinson, Ariz.



Executive Director

Allen T. Howe



