NM NORTHERN AREA LOCAL WORKFORCE DEVELOPMENT BOARD

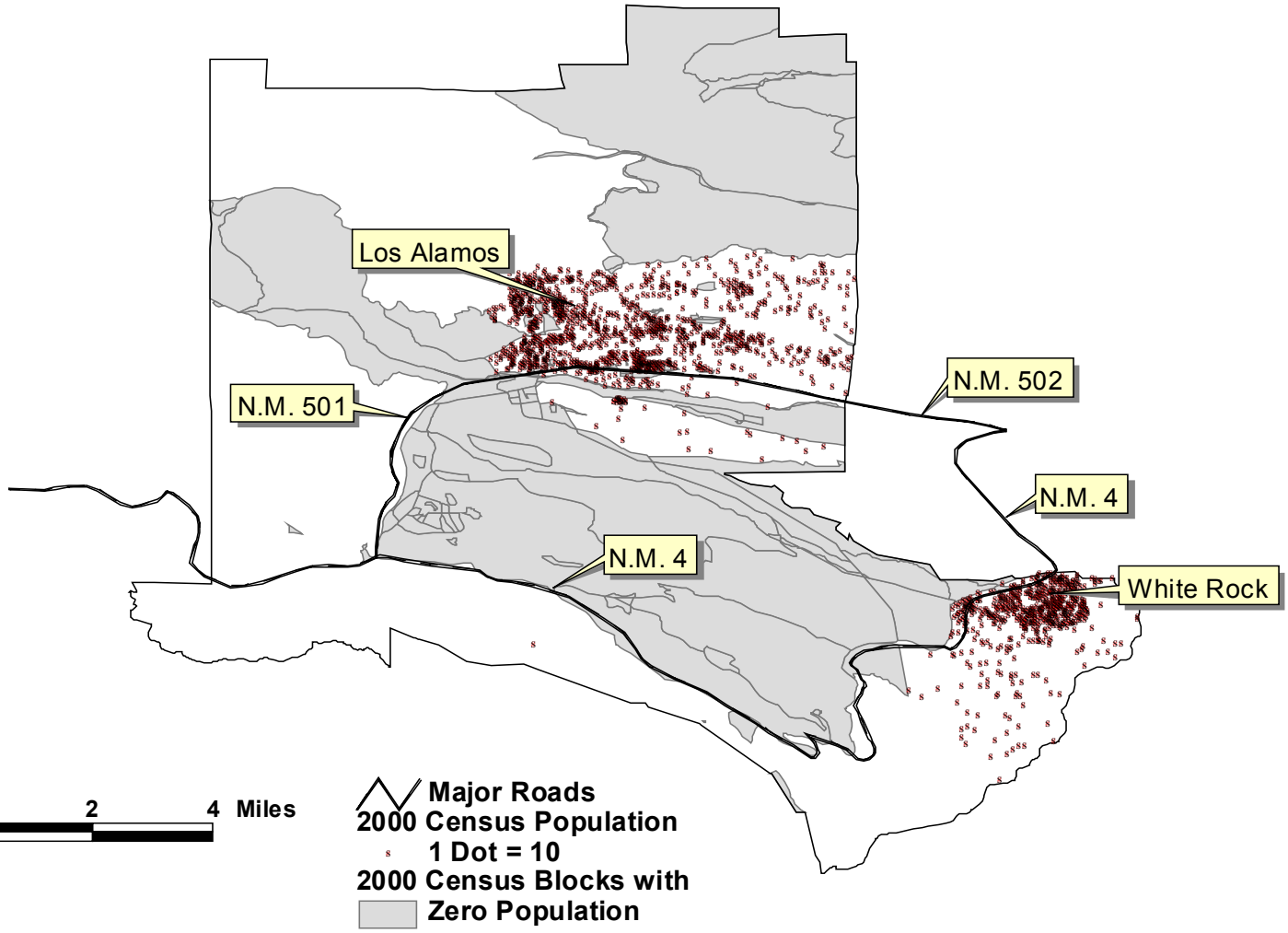
PRESENTATION ON LOS ALAMOS COUNTY

January 2003

UNIVERSITY OF NEW MEXICO
BUREAU OF BUSINESS AND ECONOMIC RESEARCH



Census 2000 Population
Los Alamos County



RESIDENCE-BASED DATA ON LOS ALAMOS COUNTY'S POPULATION & LABOR FORCE

WITH COMPARISONS TO
NEW MEXICO & THE US

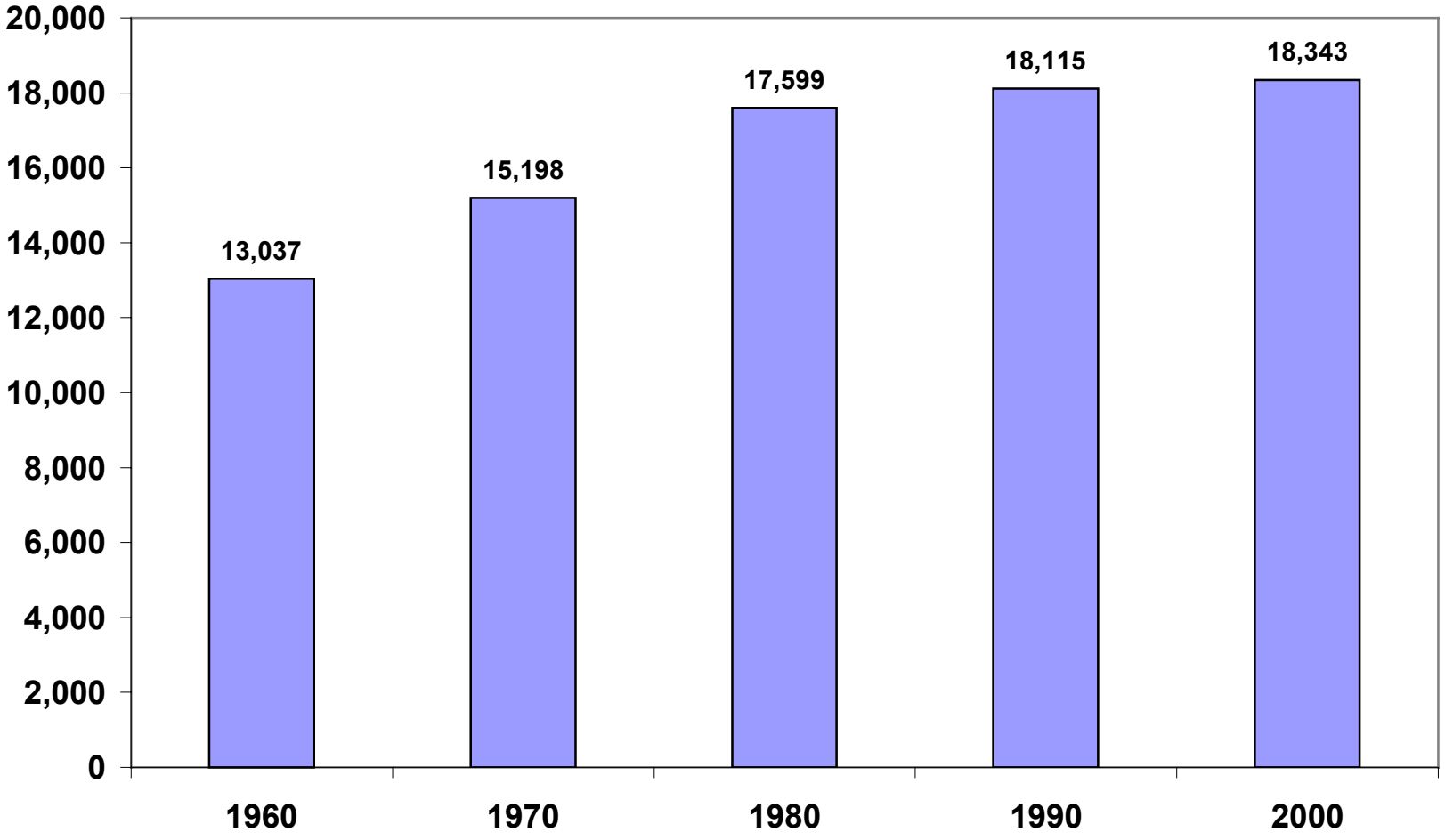
Los Alamos County Demographics

- The population of Los Alamos County has increased very little in the past 20 years, growing from 17,599 in 1980 to 18,343 in 2000, or by less than 3% in both the 1980's and 1990's.

- A small percentage of Los Alamos County residents are Hispanic or Latino. In 2000, Los Alamos County had a smaller percentage (11.7%) of Hispanic or Latinos than New Mexico (42.1%) and even the US (12.5%).

- An increasingly large percentage of Los Alamos's population have resided in the county for 5+ years.

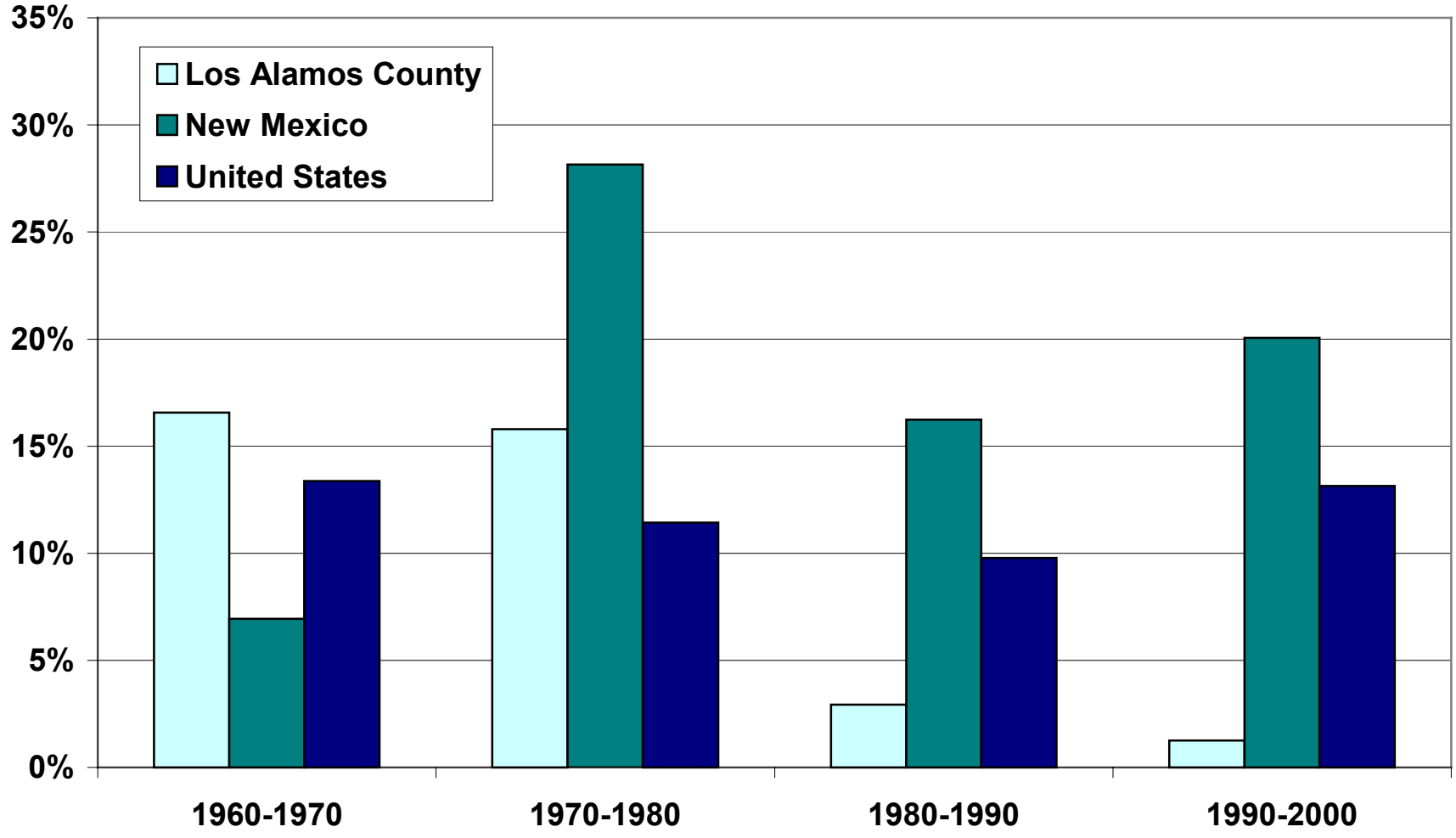
LOS ALAMOS COUNTY TOTAL POPULATION, 1960-2000



Source: US Census Bureau, Decennial Censuses

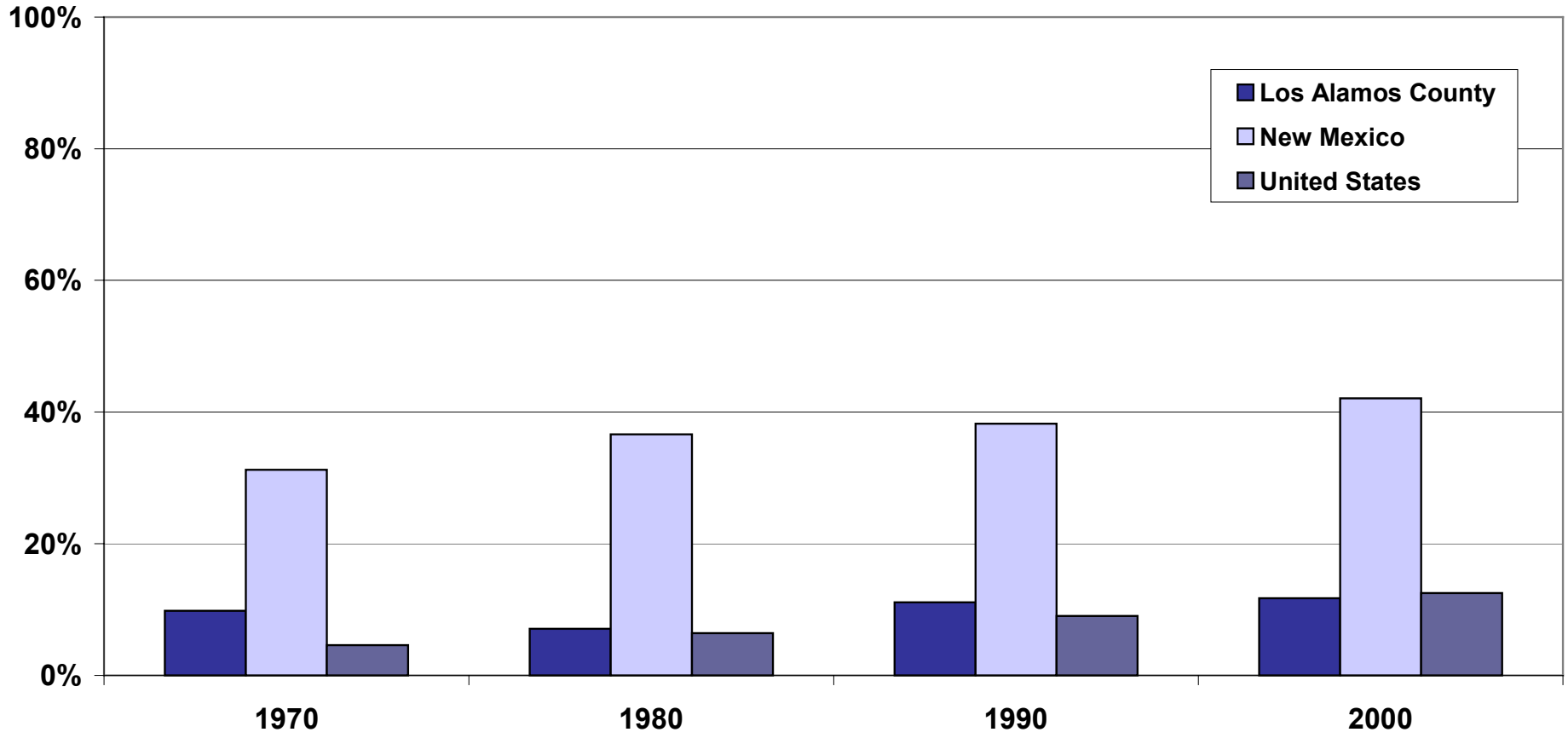
UNM Bureau of Business and Economic Research

PERCENT CHANGE IN TOTAL POPULATION
LOS ALAMOS COUNTY, NEW MEXICO, U.S., 1960-2000



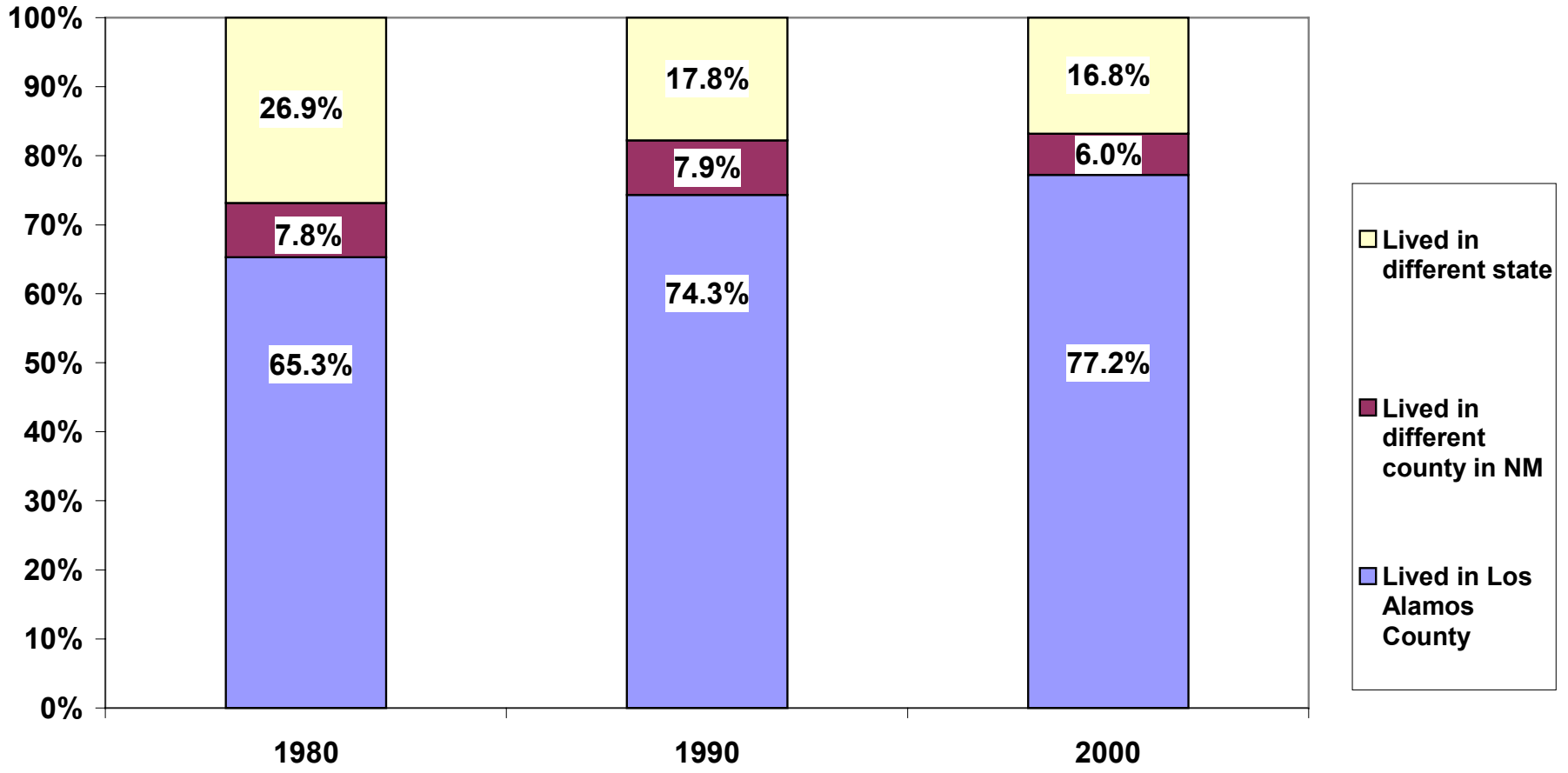
Source: US Census Bureau, Decennial Censuses

HISPANIC OR LATINO POPULATION AS A % OF TOTAL POPULATION
LOS ALAMOS COUNTY, NEW MEXICO, U.S., 1970-2000



Source: US Census Bureau, Decennial Censuses

% DISTRIBUTION LOS ALAMOS COUNTY RESIDENTS PLACE OF RESIDENCE 5 YEARS BEFORE CENSUS



Source: US Census Bureau, Decennial Censuses

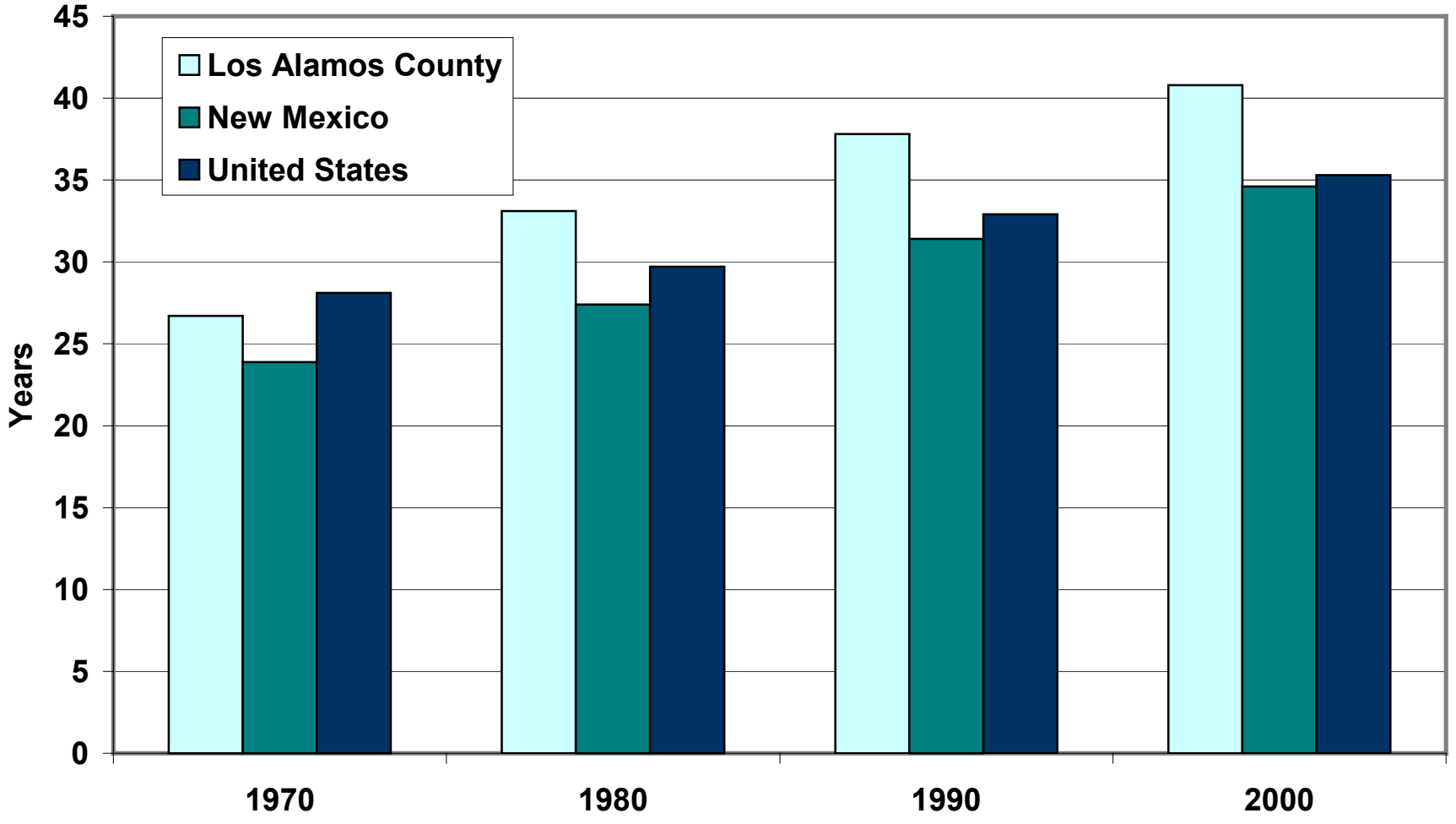
More Demographics…

- Since 1980, the median age of Los Alamos County residents has been about five years greater than the state and the US.

- The percent of Los Alamos County residents with high school diplomas has been over 95% since 1980, much higher than the rates for the state and the US. Many of these residents hold college and advance degrees.

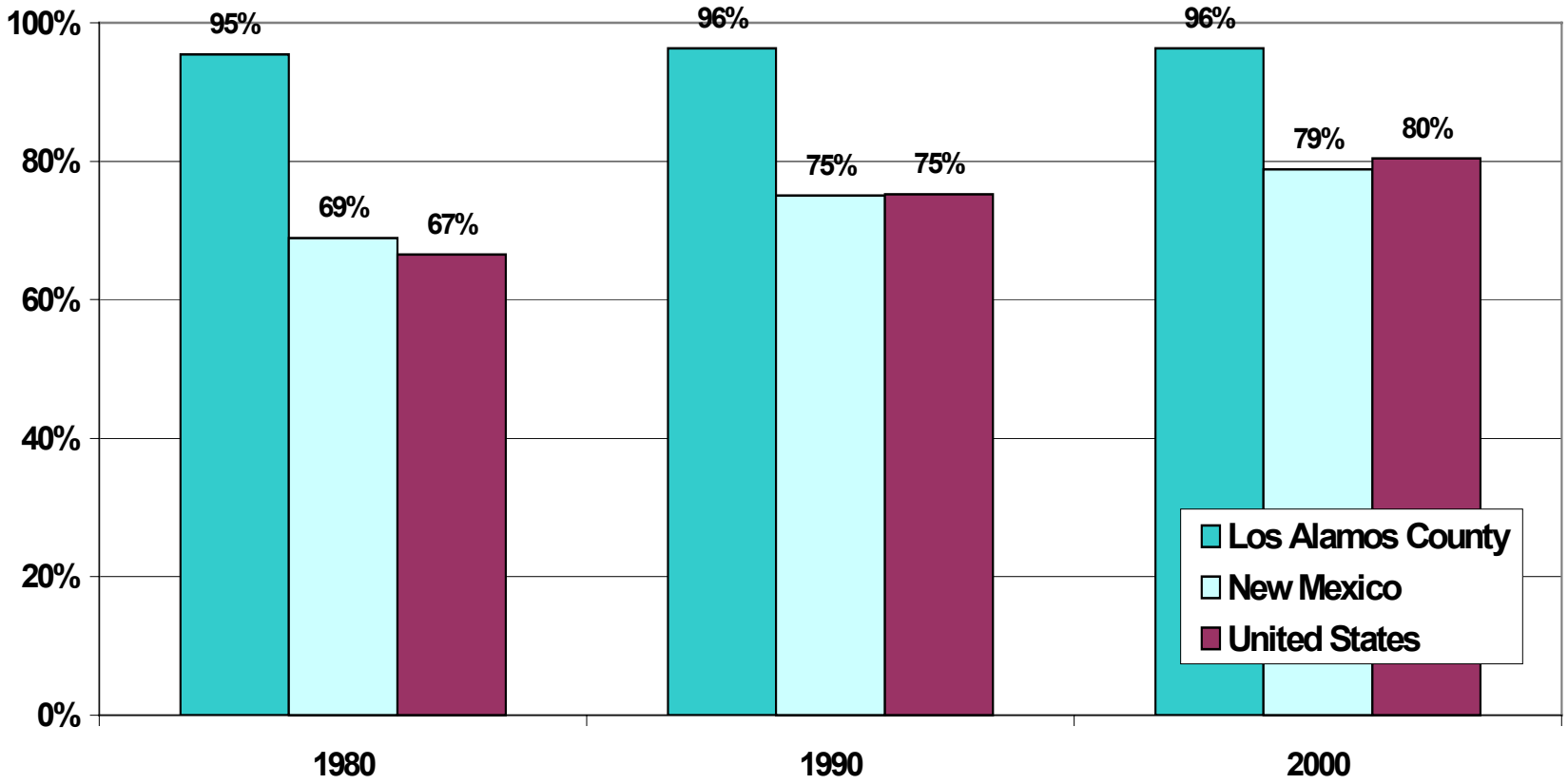
- In 2000, over 90% of Los Alamos County employees drove less than 30 minutes to work.

MEDIAN AGE OF POPULATION
LOS ALAMOS COUNTY, NEW MEXICO, U.S., 1970-2000



Source: US Census Bureau, Decennial Censuses

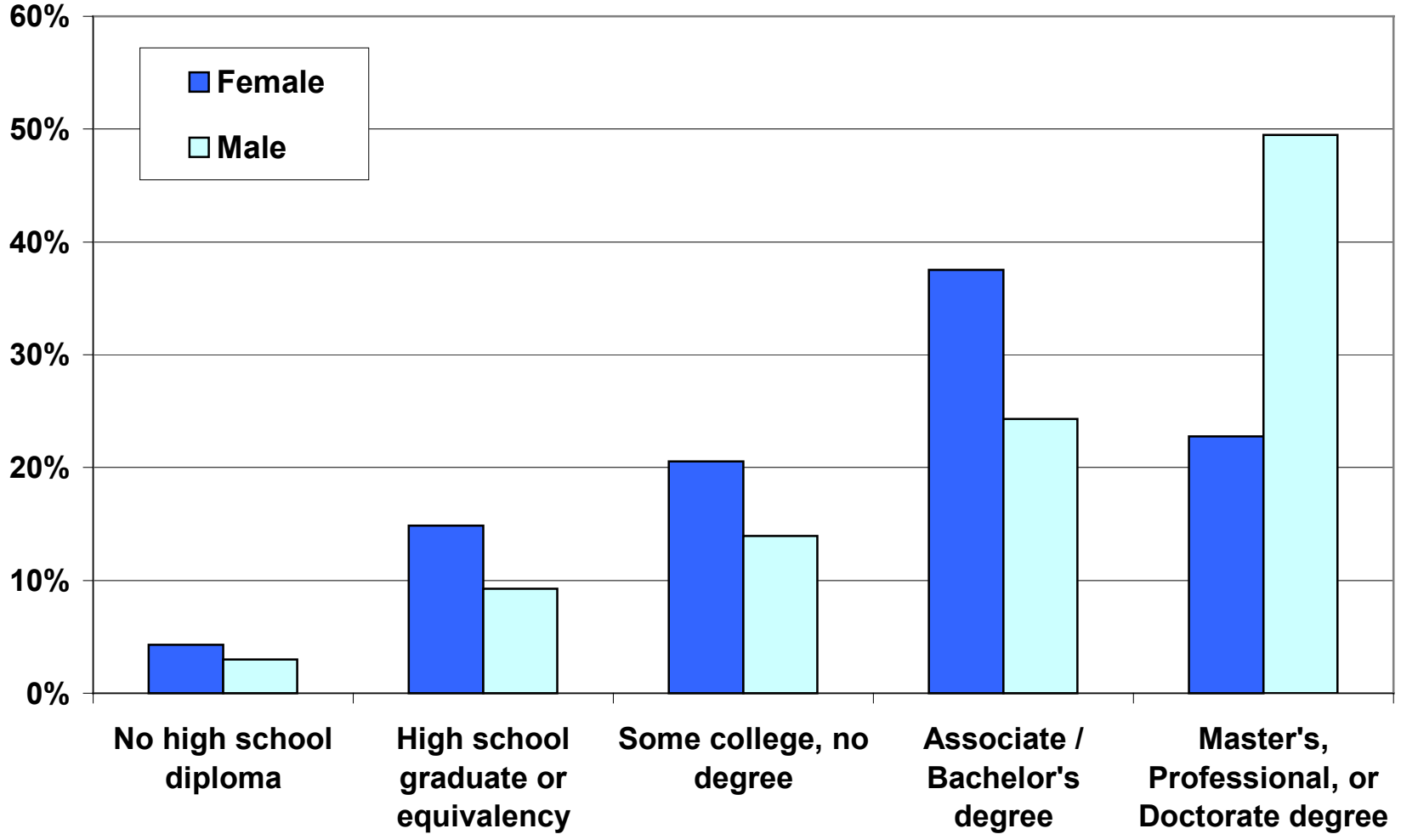
HIGH SCHOOL GRADUATE RATES*
LOS ALAMOS COUNTY, NEW MEXICO, U.S., 1980-2000



*% of population 25 years and older with at least a high school education (diploma or equivalency)

Source: US Census Bureau, Decennial Censuses

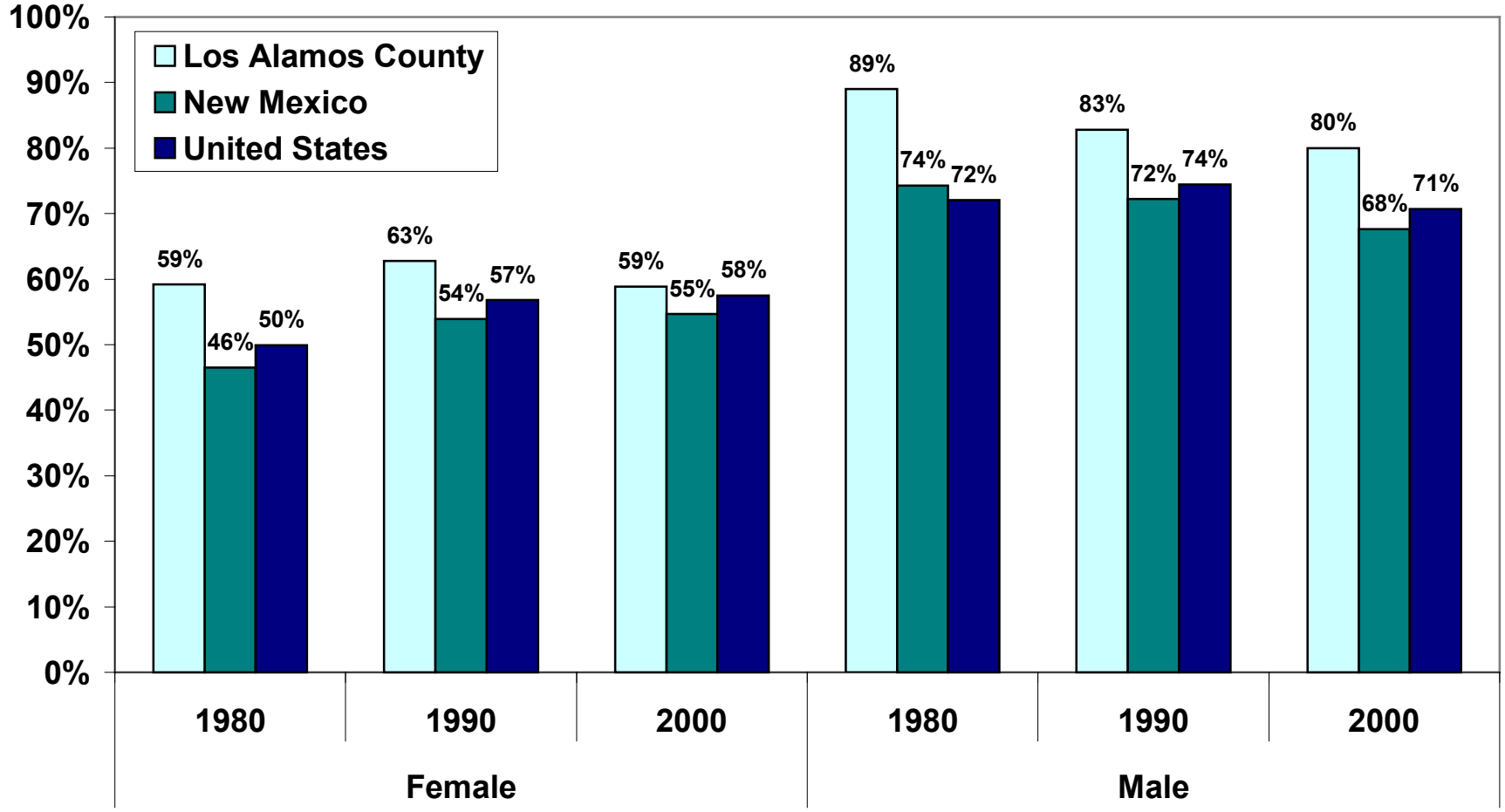
EDUCATIONAL ATTAINMENT BY GENDER*
LOS ALAMOS COUNTY, 2000



*population 25 years and over

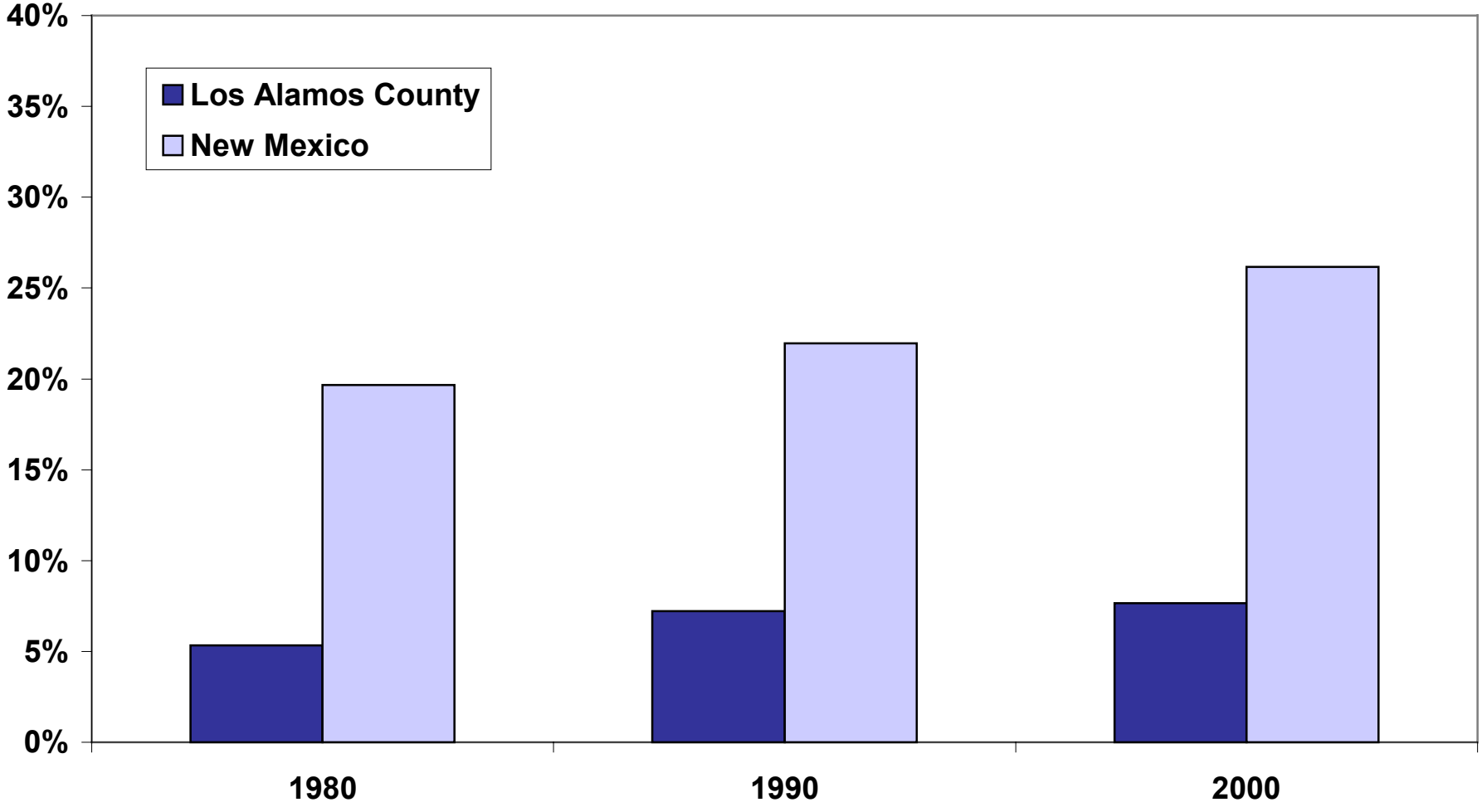
Source: US Census Bureau, 2000

PERCENT OF POPULATION IN LABOR FORCE BY GENDER*
LOS ALAMOS COUNTY, NEW MEXICO, AND U.S., 1980-2000



Source: US Census Bureau, Decennial Censuses

PERCENT OF LOS ALAMOS COUNTY AND N.M. COMMUTERS DRIVING 3O+ MINUTES TO WORK



Source: US Census Bureau, Decennial Censuses

LOS ALAMOS COUNTY RESIDENTS: DATA ON OCCUPATIONS, INCOME, POVERTY & UNEMPLOYMENT

WITH COMPARISONS TO
NEW MEXICO & THE US

Los Alamos County Occupations, Income and Unemployment

- Compared to New Mexico, a much larger percentage of employed civilians in Los Alamos County are in professional and related occupations (50.4% in Los Alamos compared to 21.9% statewide). Service and sales and office occupations are notably underrepresented.
- In 1999, Los Alamos County household income and median earnings were approximately double the statewide figures, and the poverty rate was 3% (compared to 18% statewide and 12% nationally).
- Unemployment – both overall and by gender – has historically been much lower in Los Alamos County than in the state and the US.

OCCUPATIONS OF EMPLOYED CIVILIANS
LOS ALAMOS COUNTY AND NEW MEXICO, 2000

	Distribution of employed civilians in..	
	Los Alamos	New Mexico
Management, professional, and related occupations	**68.4%**	**34.0%**
Management, business, and financial operations occupations	18.0%	12.1%
Management occupations, except farmers and farm managers	12.1%	7.7%
Business and financial operations occupations	5.9%	3.6%
Professional and related occupations	50.4%	21.9%
Computer and mathematical occupations	7.5%	1.8%
Architecture and engineering occupations	11.6%	2.7%
Life, physical, and social science occupations	16.2%	1.5%
Service occupations	**9.2%**	**17.0%**
Sales and office occupations	**14.8%**	**25.9%**
Sales and related occupations	4.8%	11.2%
Office and administrative support occupations	10.0%	14.7%
Farming, fishing, and forestry occupations	**0.1%**	**1.0%**
Construction, extraction, and maintenance occupations	**4.2%**	**11.4%**
Production, transportation, and material moving occupations	**3.4%**	**10.7%**
Production occupations	2.5%	5.2%
Transportation and material moving occupations	0.9%	5.5%

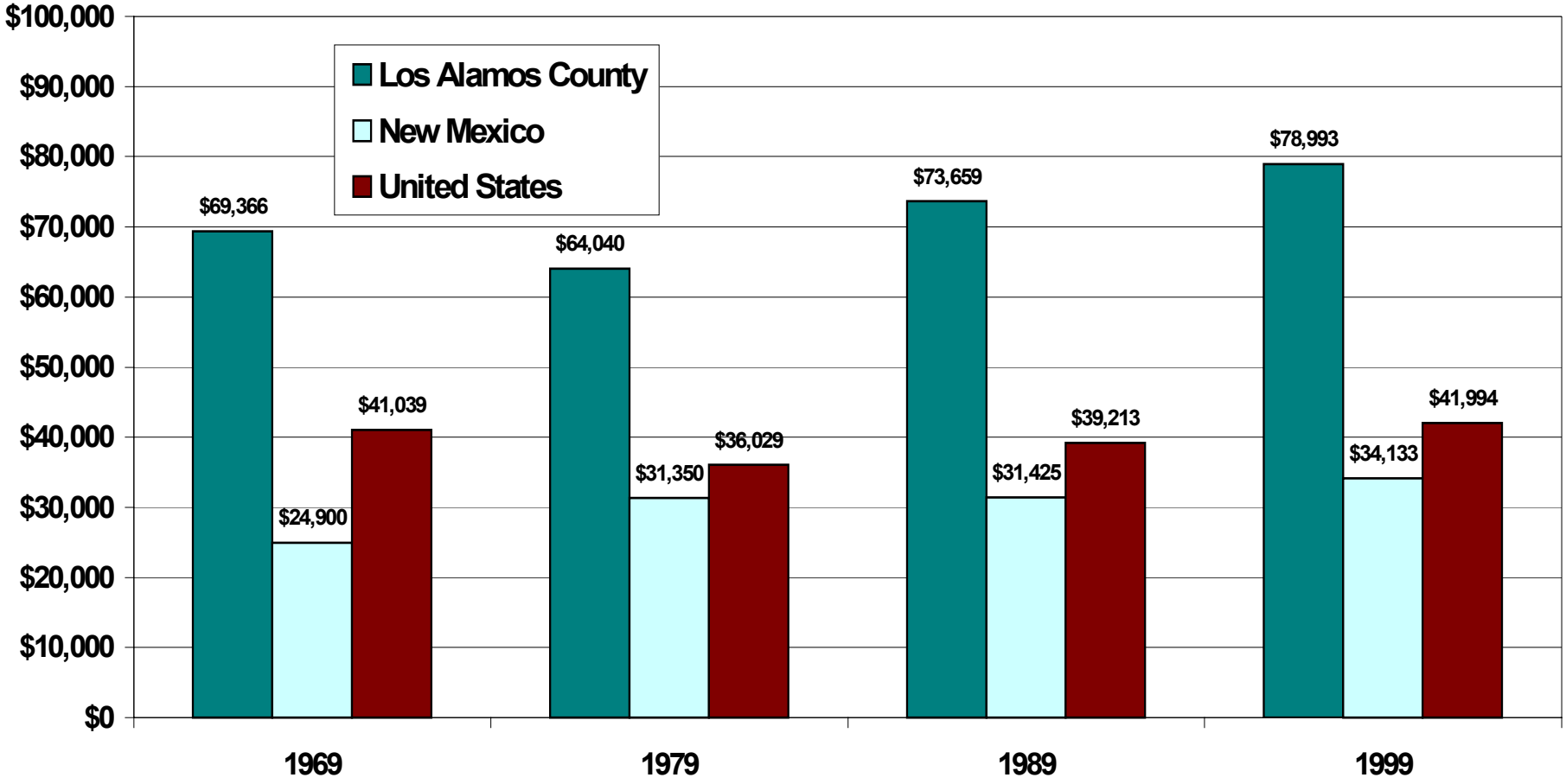
Source: US Bureau of Census, 2000.

OCCUPATIONS OF EMPLOYED CIVILIANS
LOS ALAMOS COUNTY, 2000

	Distribution of employed..		
	Males	Females	Total
Management, professional, and related occupations	74.1%	60.6%	68.4%
Management, business, and financial operations occupations	18.9%	16.7%	18.0%
Management occupations, except farmers and farm managers	14.7%	8.6%	12.1%
Business and financial operations occupations	4.2%	8.1%	5.9%
Professional and related occupations	55.2%	43.8%	50.4%
Computer and mathematical occupations	8.3%	6.4%	7.5%
Architecture and engineering occupations	16.9%	4.4%	11.6%
Life, physical, and social science occupations	23.1%	6.7%	16.2%
Education, training, and library occupations	1.3%	13.7%	6.5%
Healthcare practitioners and technical occupations	2.9%	7.0%	4.6%
Service occupations	7.7%	11.2%	9.2%
Sales and office occupations	7.0%	25.4%	14.8%
Sales and related occupations	4.0%	5.9%	4.8%
Office and administrative support occupations	3.1%	19.4%	10.0%
Farming, fishing, and forestry occupations	0.1%	0.0%	0.1%
Construction, extraction, and maintenance occupations	6.5%	0.9%	4.2%
Production, transportation, and material moving occupations	4.5%	1.9%	3.4%

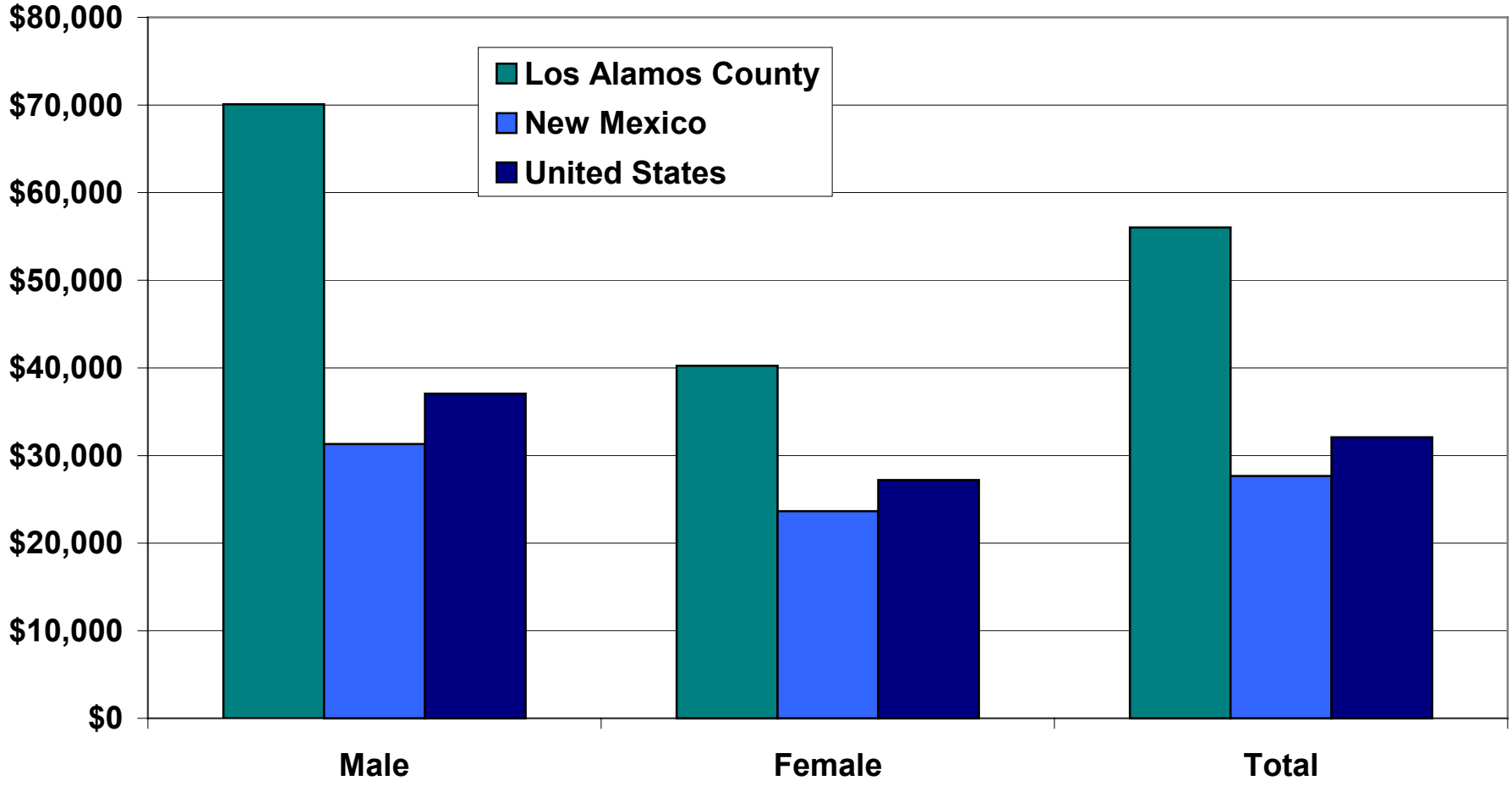
Source: US Bureau of Census, 2000.

MEDIAN HOUSEHOLD INCOME (1999 $'s)
LOS ALAMOS COUNTY, NEW MEXICO, U.S., 1969-1999



Source: US Census Bureau, Decennial Censuses

MEDIAN EARNINGS FOR FULL-TIME YEAR-ROUND WORKERS BY GENDER IN 1999*

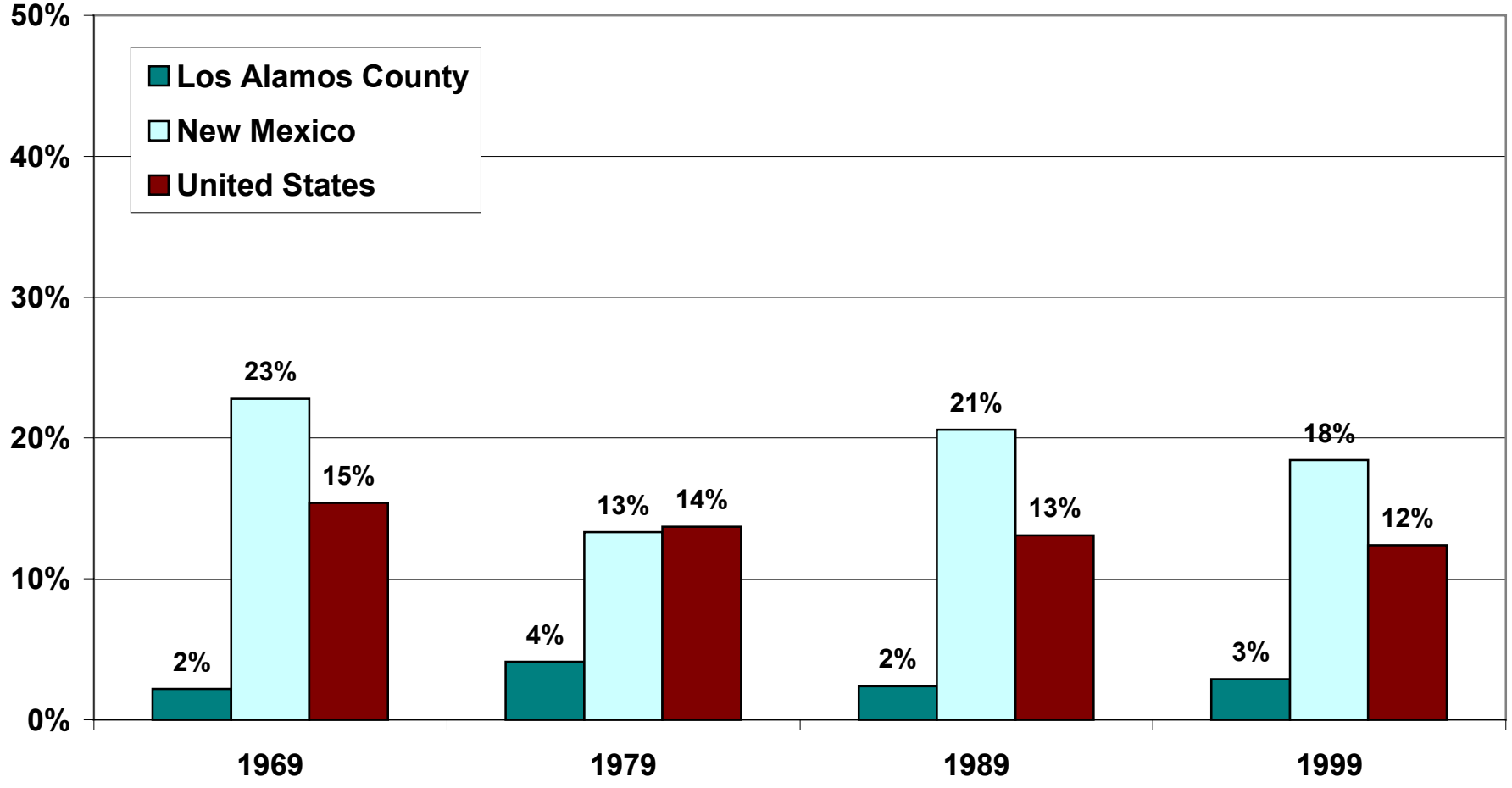


*Population 16 years and over with earnings

Source: US Census Bureau

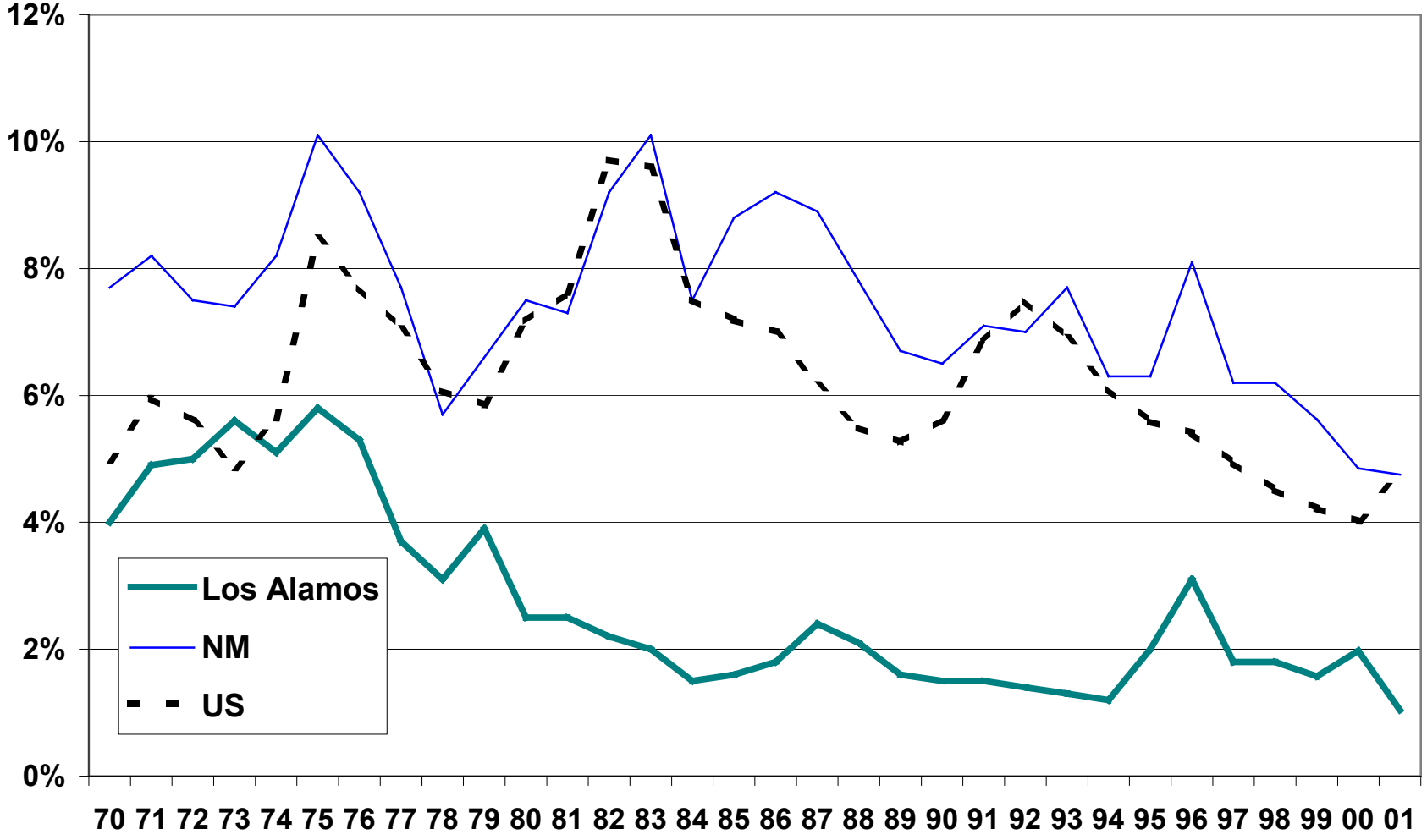
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INDIVIDUALS BELOW POVERTY LEVEL
LOS ALAMOS COUNTY, NEW MEXICO, U.S., 1969-1999



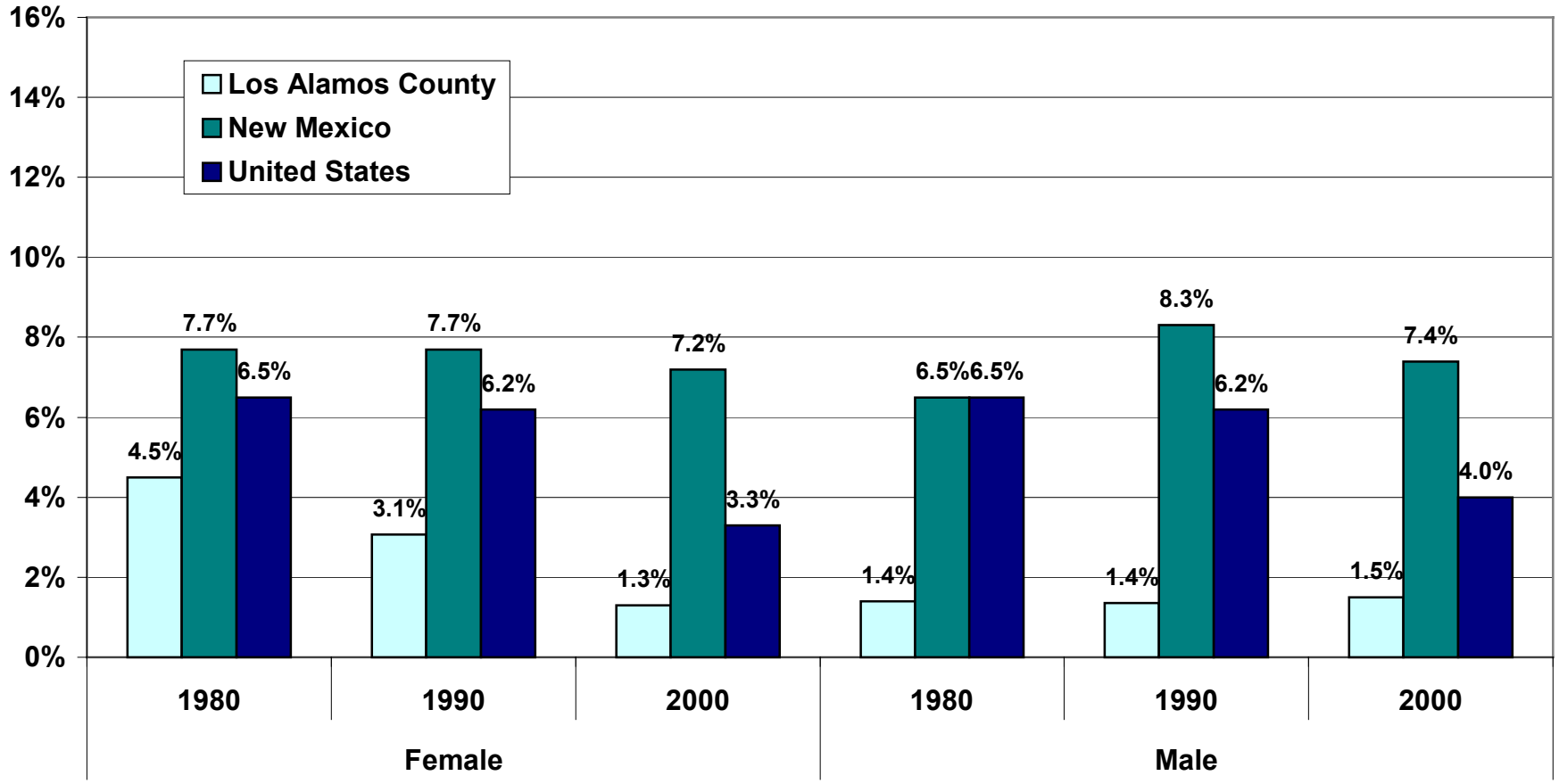
Source: US Census Bureau, Decennial Censuses

CIVILIAN UNEMPLOYMENT RATES
LOS ALAMOS COUNTY, NEW MEXICO, US



Source: NM Department of Labor, DRI-WEFA

UNEMPLOYMENT RATE BY GENDER*
LOS ALAMOS COUNTY, NEW MEXICO, U.S., 1980-2000



*population 16yrs and over

Source: US Census Bureau, Decennial Censuses

UNM Bureau of Business and Economic Research

EMPLOYER-BASED DATA ON LOS ALAMOS COUNTY EMPLOYMENT & EARNINGS

WITH COMPARISONS TO
NEW MEXICO & THE US

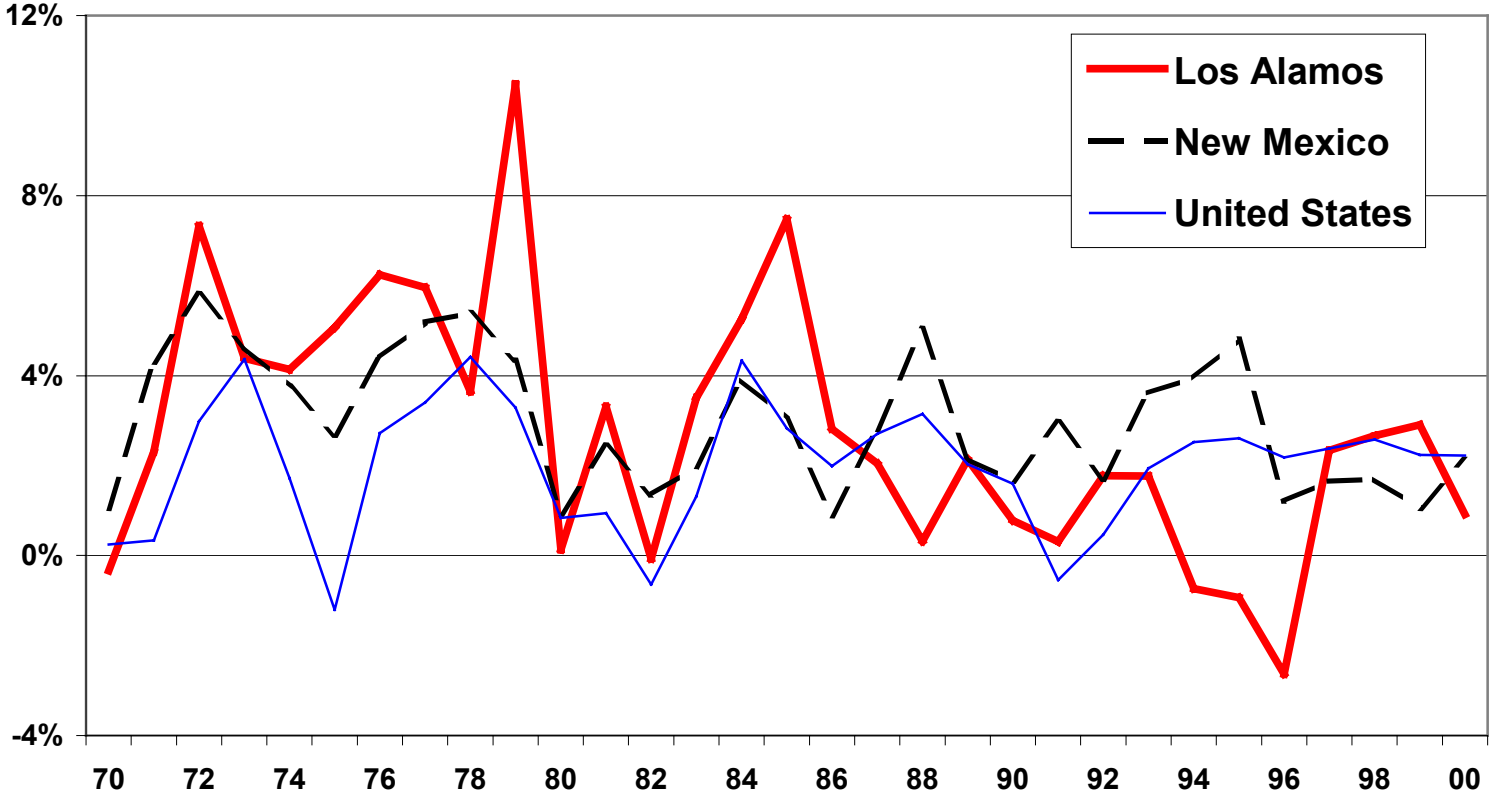
Los Alamos Employment

- During the period 1969 to 2000, total employment in Los Alamos County grew at a compound annual rate of 2.7%. Growth in the 1990's, however, averaged 0.8%.

- Wage and salary employment has fluctuated but showed year-over-year increases until the period 1994-96, when the national lab was downsized.

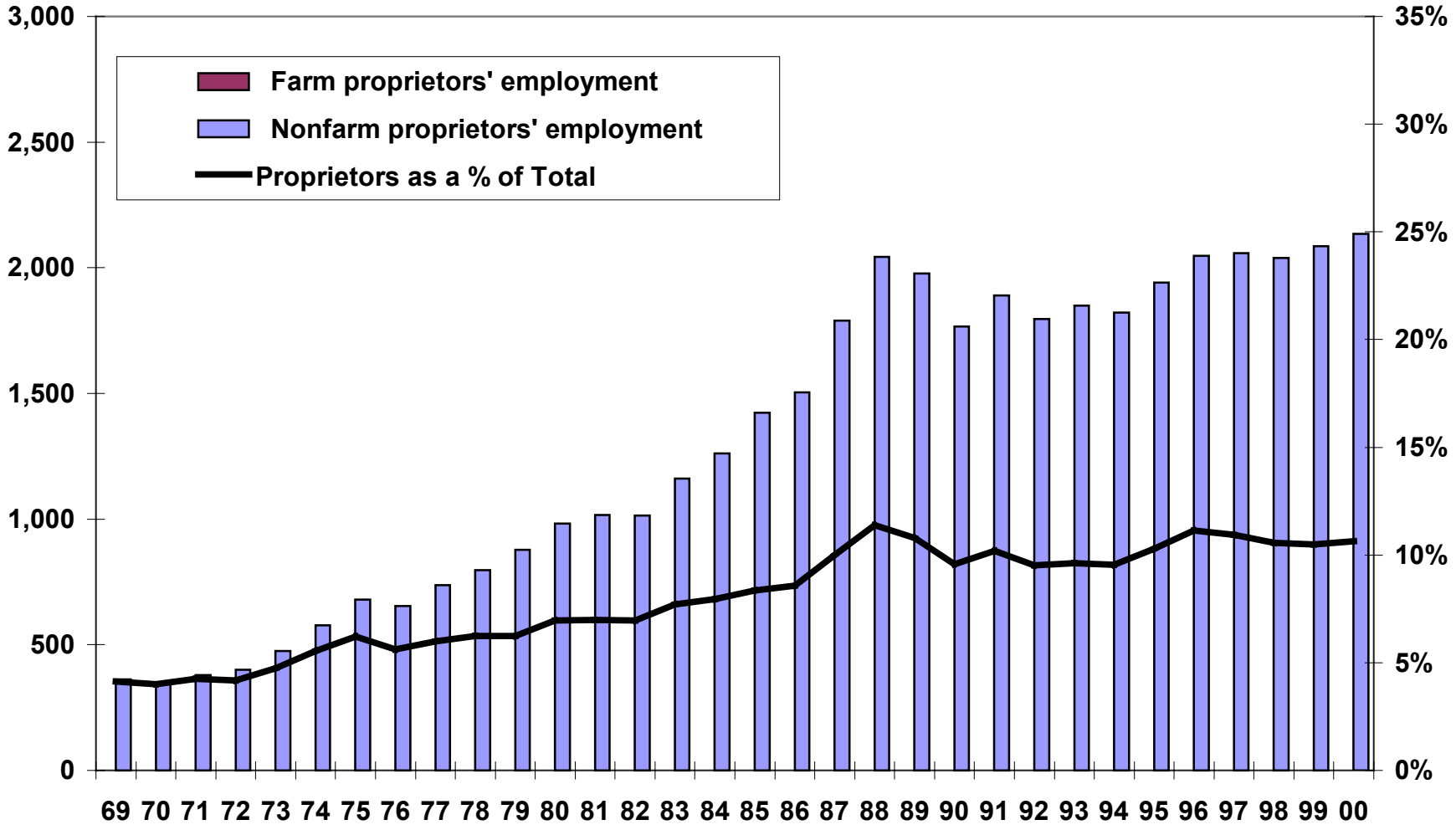
- Between 1988 and 2000, the number of proprietors has held relatively stable, accounting for only about 10% of the county's employment.

ANNUAL GROWTH IN WAGE AND SALARY EMPLOYMENT
LOS ALAMOS COUNTY, NEW MEXICO, US



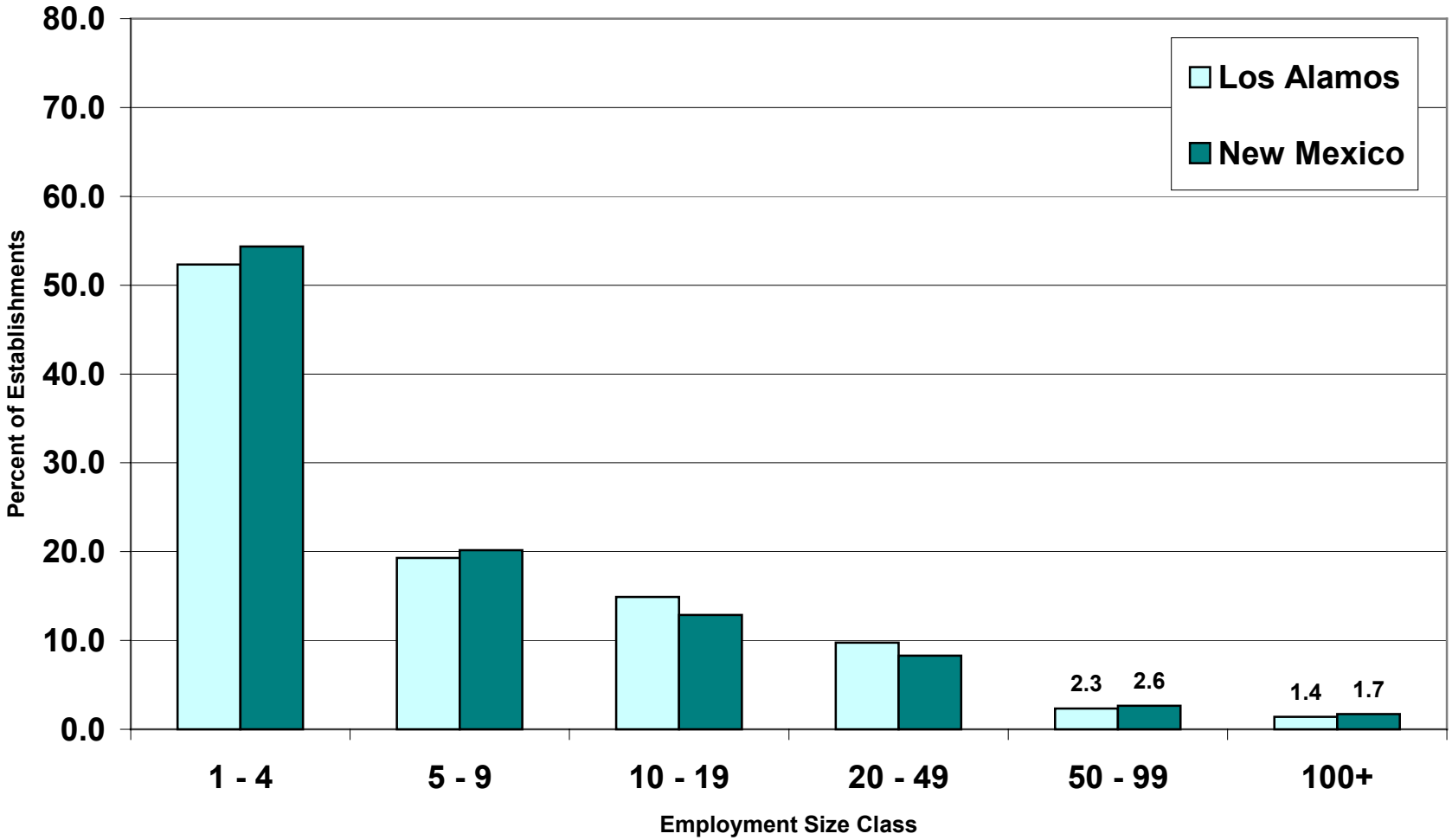
Source of Data: US Bureau of Economic Analysis

LOS ALAMOS COUNTY PROPRIETORS EMPLOYMENT



Source: US Bureau of Economic Analysis

PERCENT OF ESTABLISHMENTS BY EMPLOYMENT SIZE CLASS
LOS ALAMOS COUNTY AND NEW MEXICO, 2000*



* includes only establishments with employees.

Source: County Business Patterns

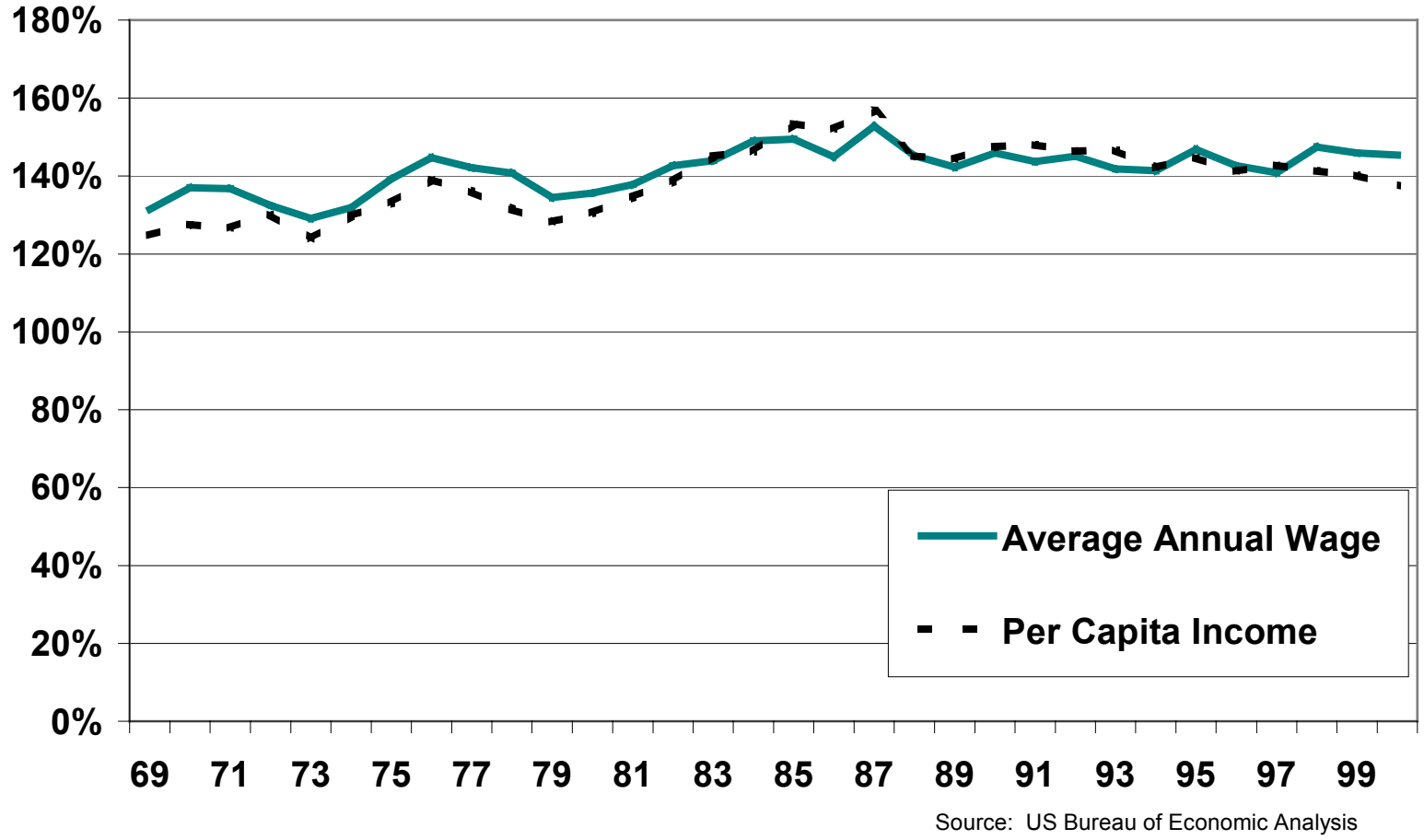
UNM Bureau of Business and Economic Research

Los Alamos Wages and Income

- Average annual wages and per capita income in Los Alamos County were each about 140% of the US in 2000.

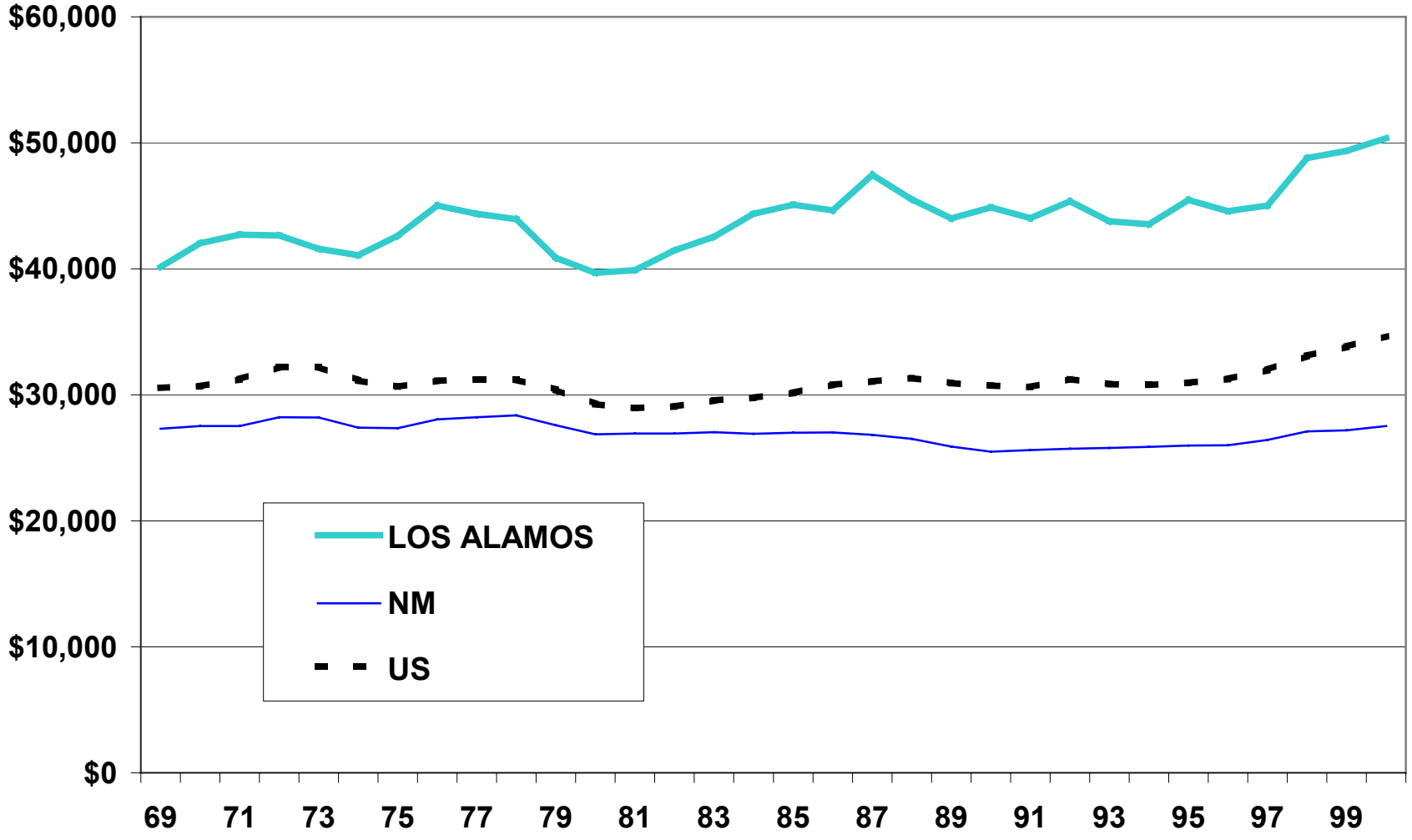
- Unlike the average annual wage for New Mexico which has barely increased since 1969 (in 2000 dollars), the average annual wage for Los Alamos County has increased by over $10,000, far exceeding the US increase.

PER CAPITA INCOME AND AVERAGE ANNUAL WAGES
LOS ALAMOS COUNTY AS A PERCENT OF US



Source: US Bureau of Economic Analysis

AVERAGE ANNUAL WAGES IN 2000 DOLLARS
LOS ALAMOS COUNTY, NEW MEXICO, US

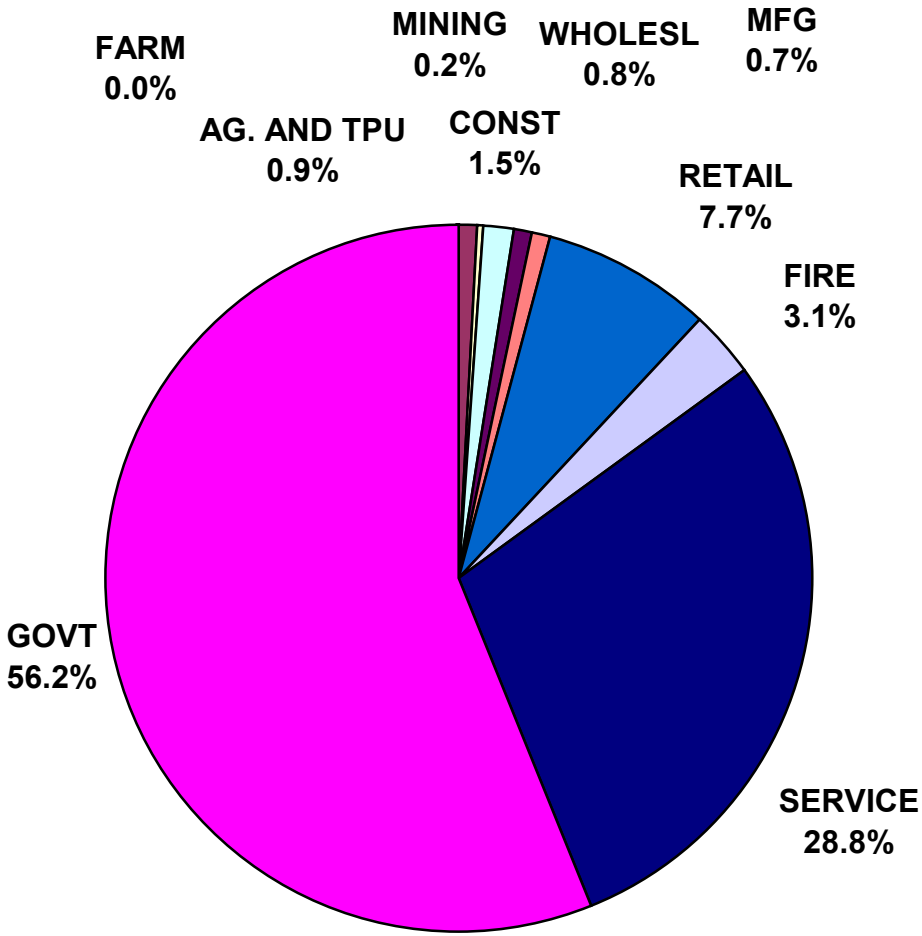


Source: US Bureau of Economic Analysis

Sectoral Composition of Los Alamos County Employment

- In 2000, over half of the employment in Los Alamos County was in government, with an additional one-third in services. The remaining sectors are relatively small when compared to their statewide presence.

SECTORAL COMPOSITION OF LOS ALAMOS COUNTY EMPLOYMENT, 1990

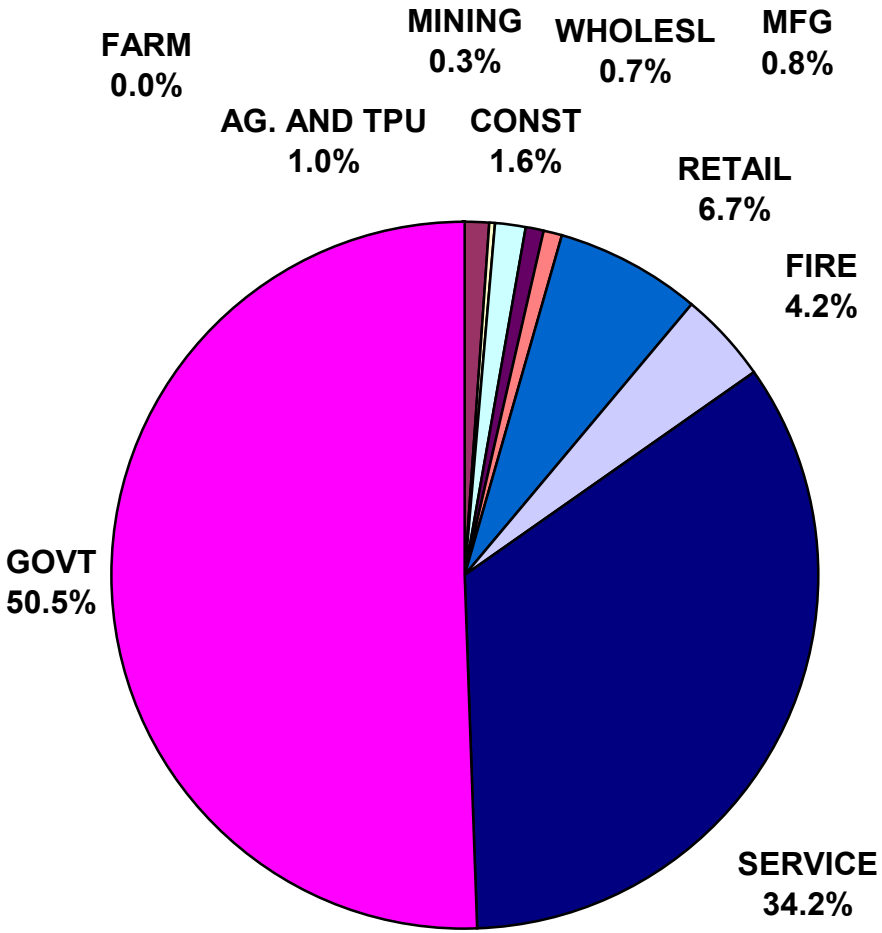


Total full- and part-time employment, including self employment = 18,482

*** includes ag. services, forestry and fishing**

Source: US Bureau of Economic Analysis

SECTORAL COMPOSITION OF LOS ALAMOS COUNTY EMPLOYMENT, 2000



Total full- and part-time employment, including self employment = 18,482

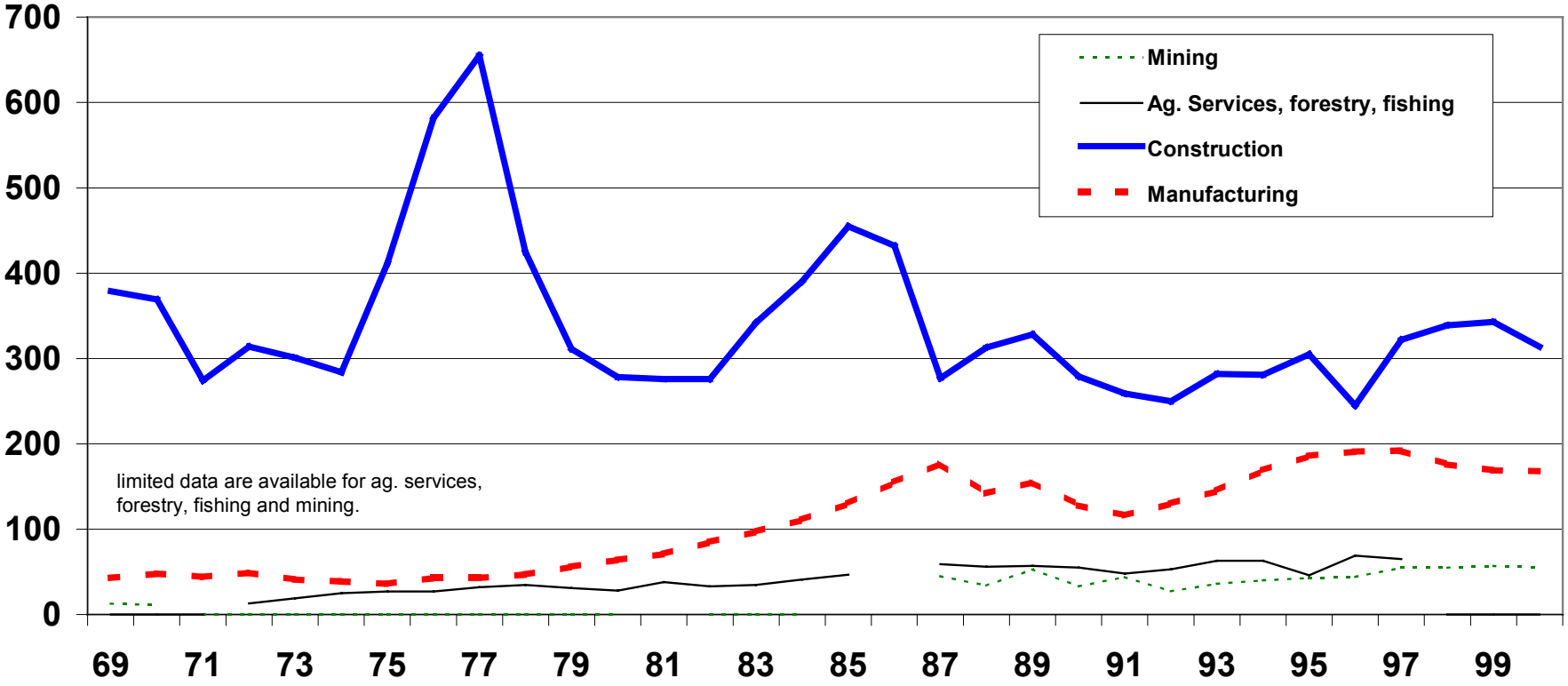
*** includes ag. services, forestry and fishing**

Source: US Bureau of Economic Analysis

Los Alamos County Employment by Goods, Services and Gov't Sectors

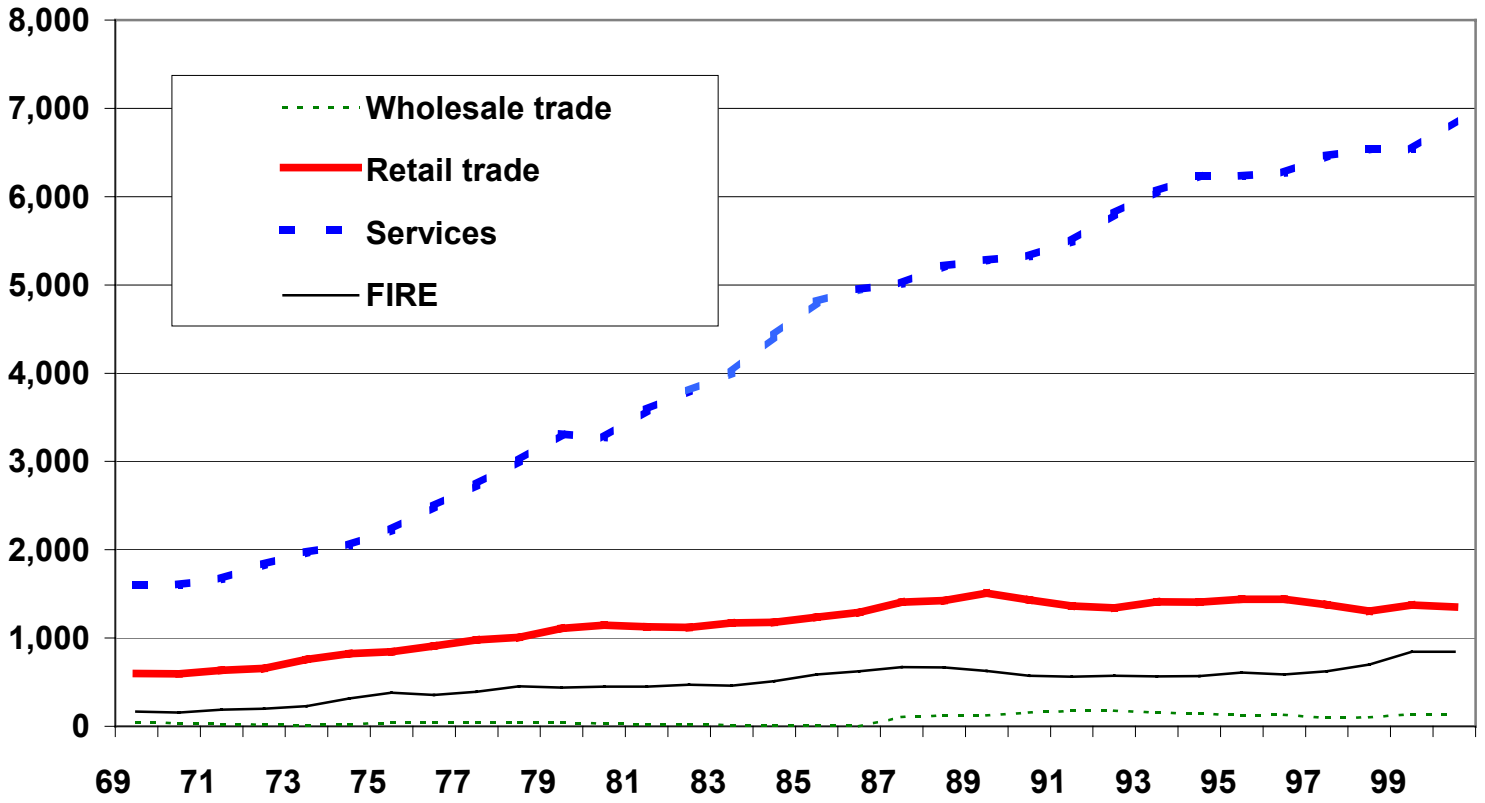
- With the exception of a decline during 1994 – 96, government employed approximately 10,000 persons in Los Alamos County through the 1990's. Additionally, government has been the county's largest industry since at least 1969.

LOS ALAMOS COUNTY EMPLOYMENT BY SECTOR
GOODS INDUSTRIES



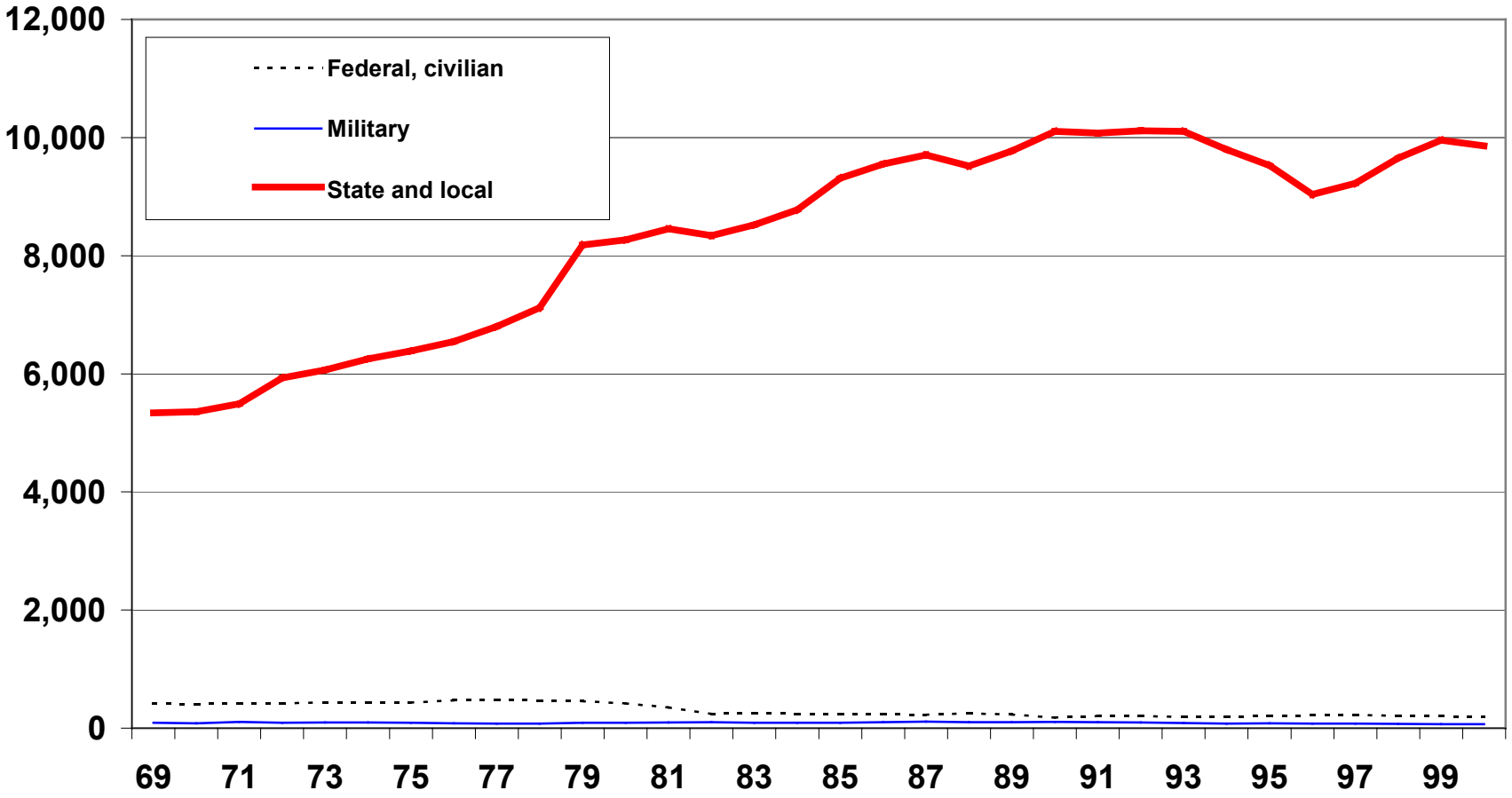
Source of Data: US Bureau of Economic Analysis

LOS ALAMOS COUNTY EMPLOYMENT BY SECTOR
SERVICE INDUSTRIES



Source of Data: US Bureau of Economic Analysis

LOS ALAMOS COUNTY EMPLOYMENT BY SECTOR
GOVERNMENT



Source of Data: US Bureau of Economic Analysis

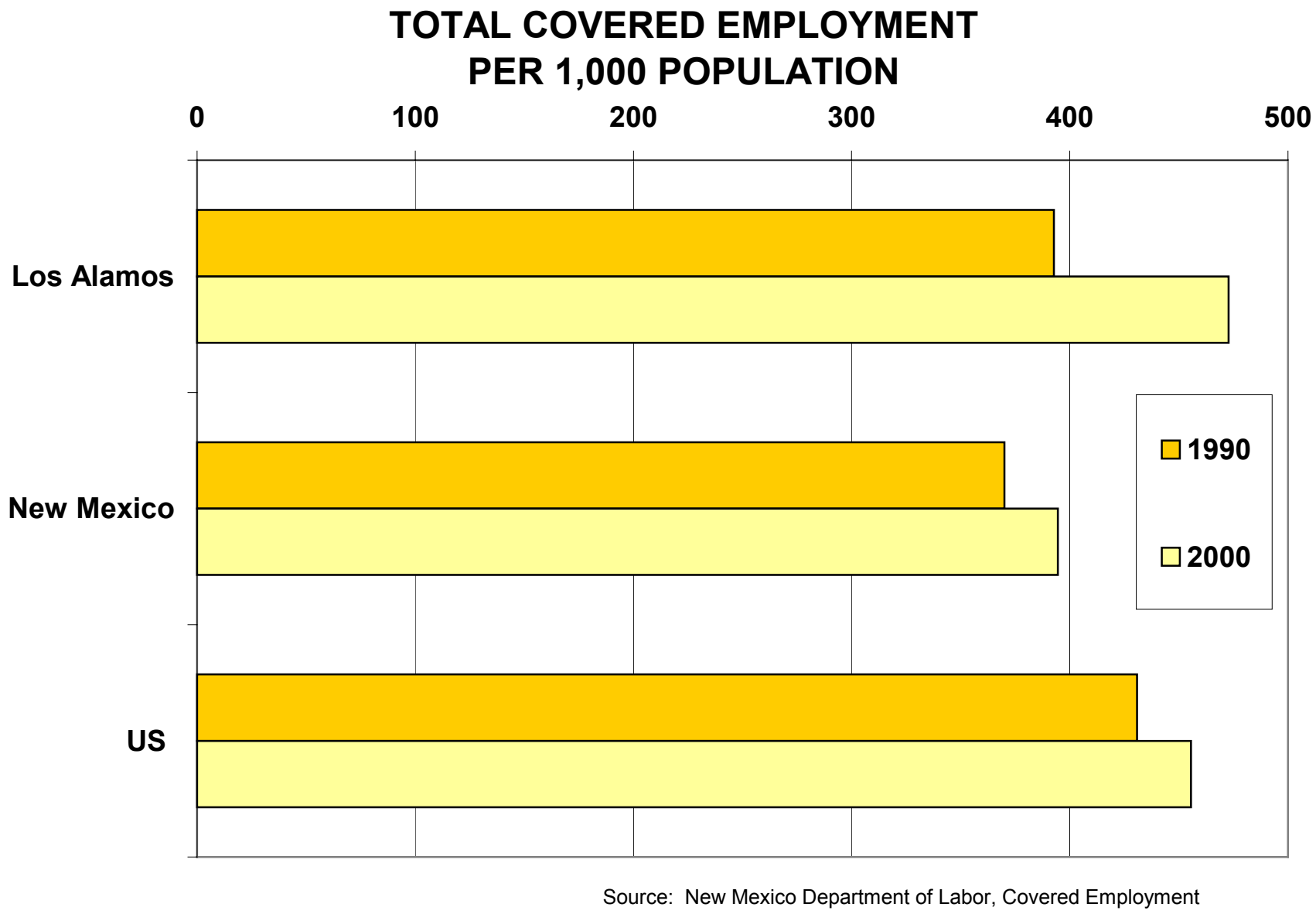
Los Alamos County Covered Employment per 1000 Population

One way of measuring whether a county is a job center is by looking at the jobs per 1,000 in county population. Jobs per 1,000 is a way of standardizing the data so that comparisons can be made with New Mexico and the US. In addition to looking at total employment, the measure can be used to gauge the importance of particular sectors.

Here the measure being used is County covered employment per 1,000 people living in the county. Covered employment includes only those wage and salary workers covered by unemployment insurance.

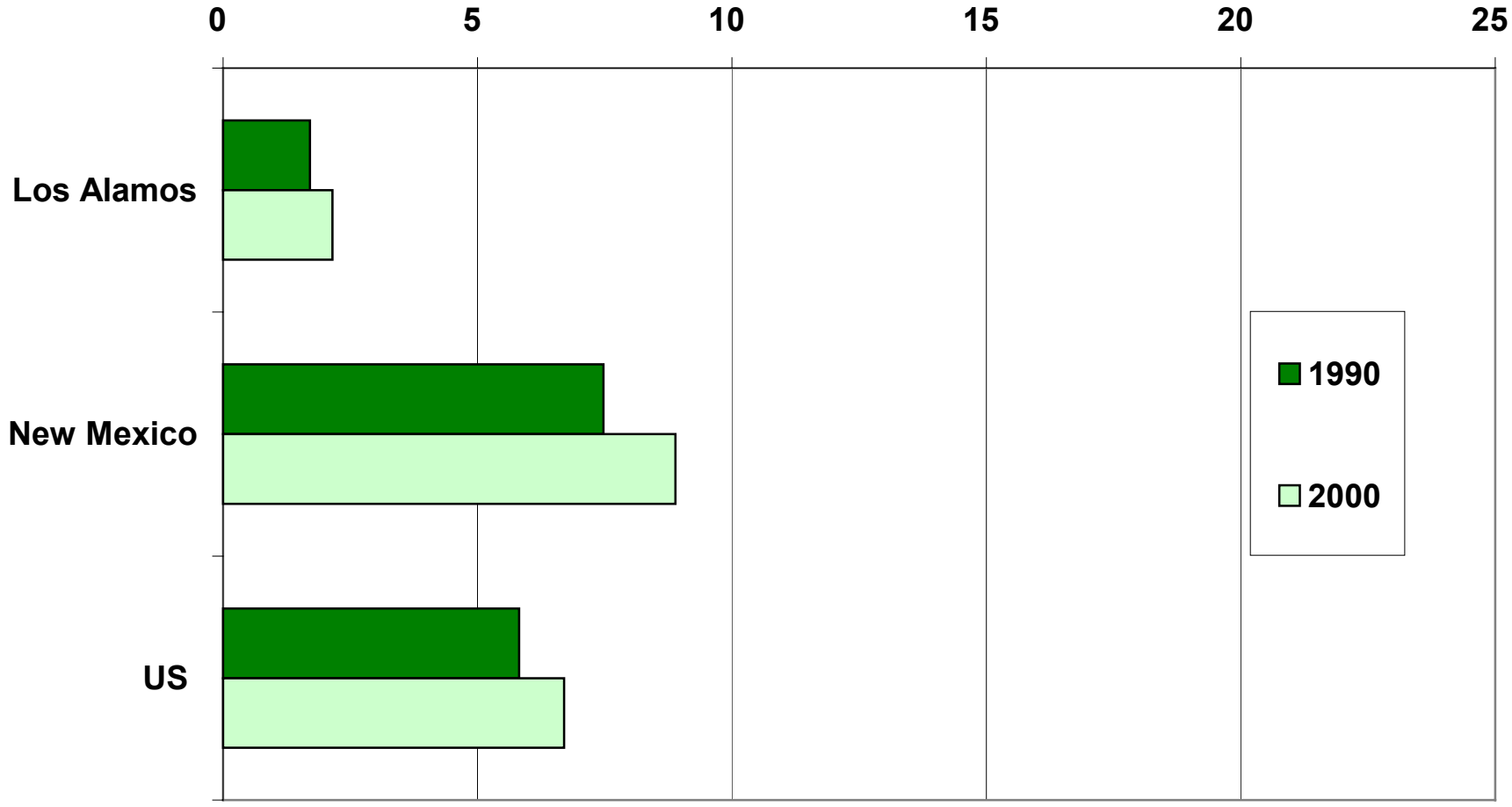
Los Alamos County Covered Employment per 1000 Population

- Los Alamos County has a higher rate of covered employment (employees per 1,000 residents) than New Mexico or the US. Additionally, this rate experienced a larger increase between 1990 and 2000 than the state and the US.
- A large portion of Los Alamos County residents are employed in services (276 persons per 1000 compared to 112 statewide.)
- Government employs approximately 84 persons per 1000 residents in Los Alamos County compared to 69 nationally.



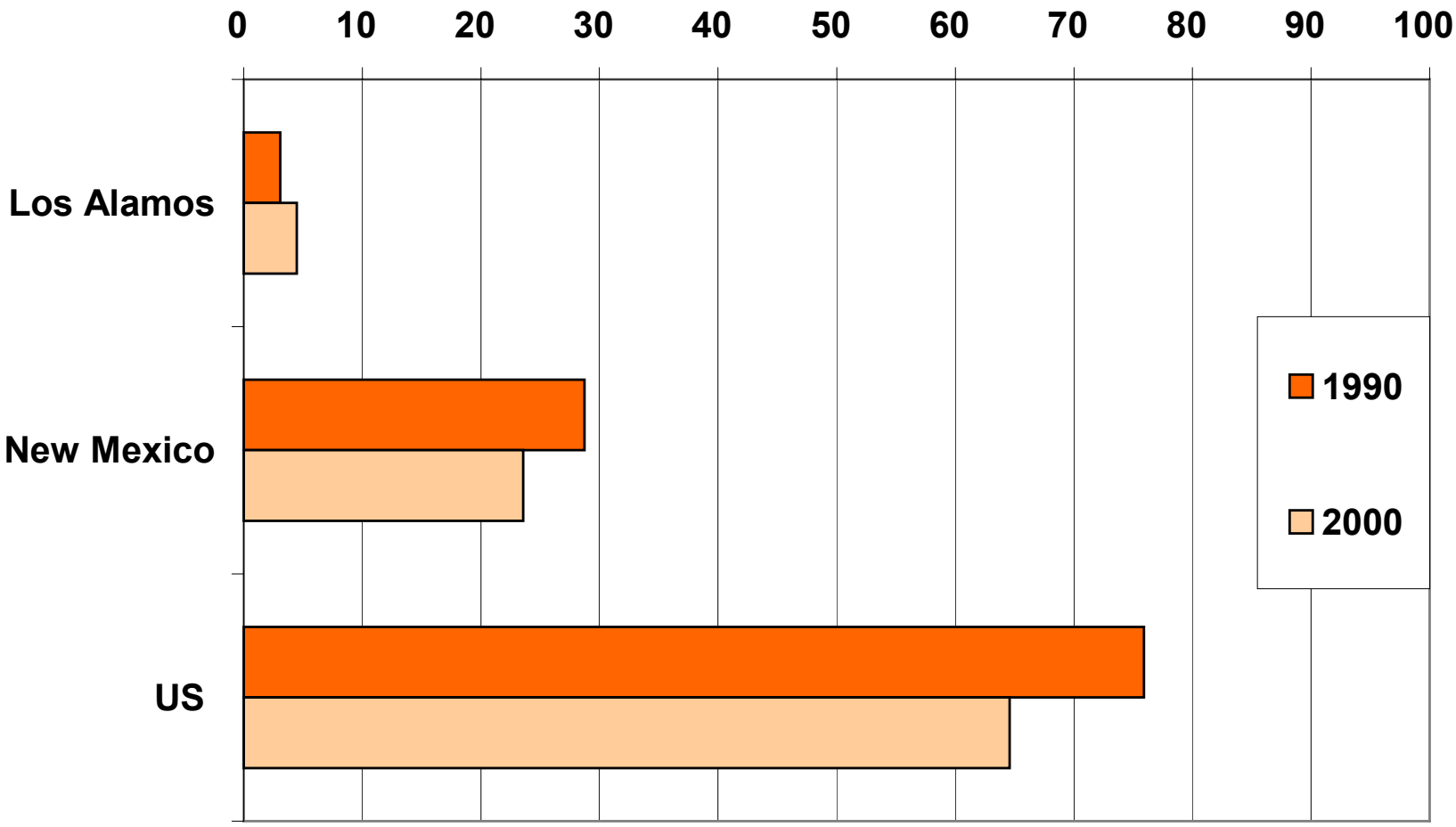
Source: New Mexico Department of Labor, Covered Employment

EMPLOYMENT IN AGRICULTURE, FORESTRY AND FISHING PER 1,000 POPULATION



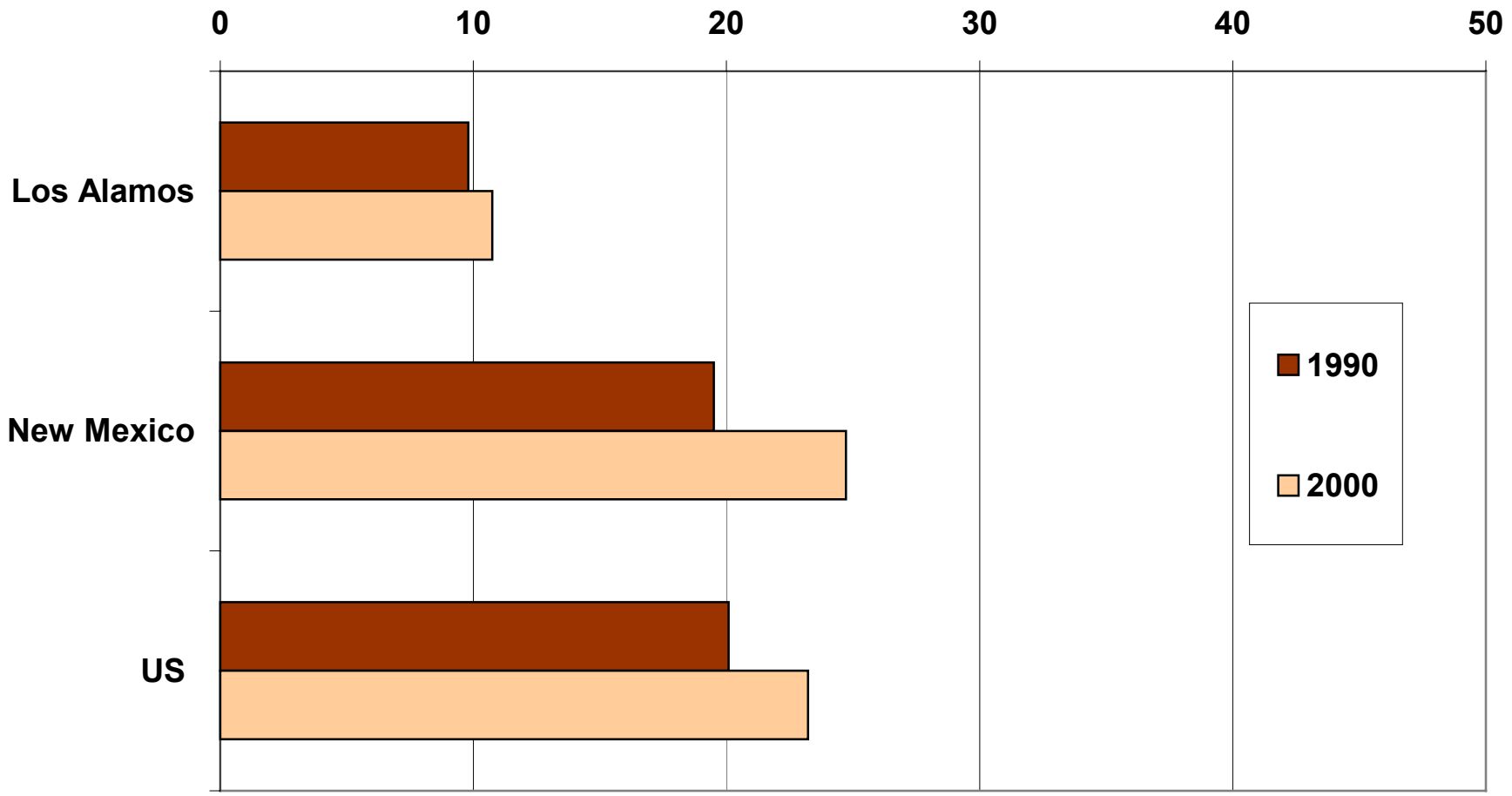
Source: New Mexico Department of Labor, Covered Employment

MANUFACTURING EMPLOYMENT PER 1,000 POPULATION



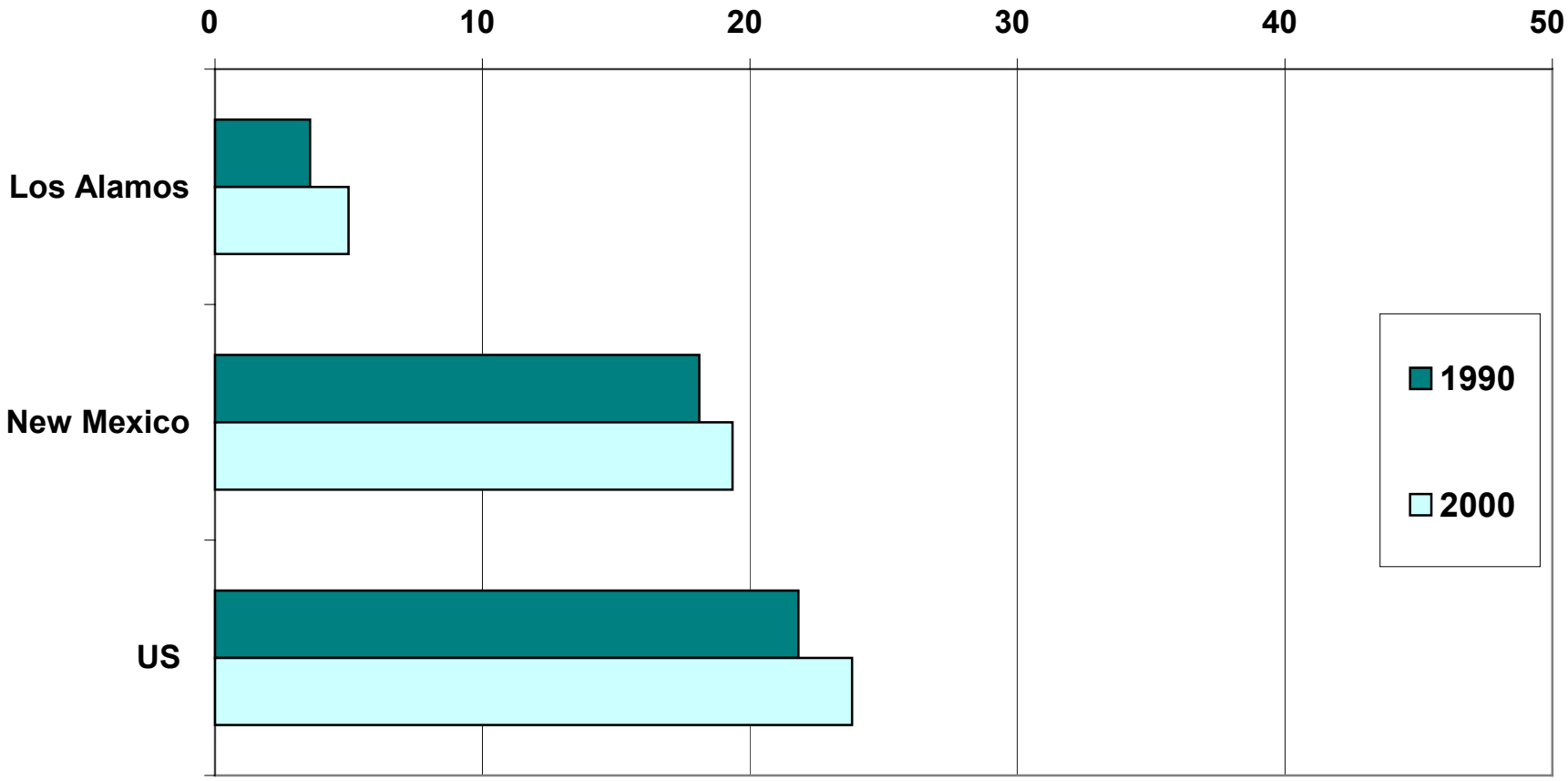
Source: New Mexico Department of Labor, Covered Employment

TOTAL CONSTRUCTION EMPLOYMENT PER 1,000 POPULATION



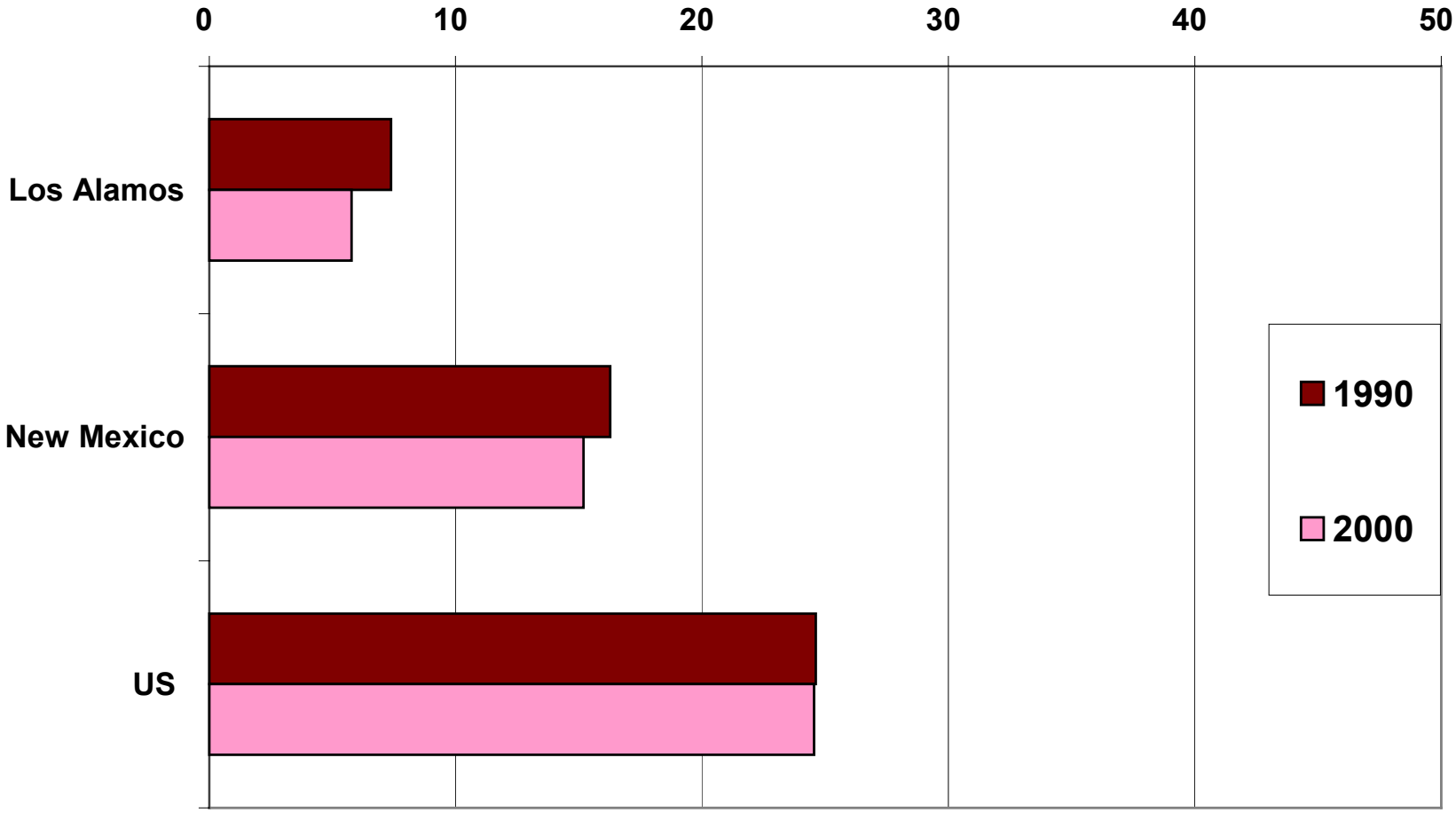
Source: New Mexico Department of Labor, Covered Employment

TRANSPORTATION AND PUBLIC UTILITIES EMPLOYMENT PER 1,000 POPULATION



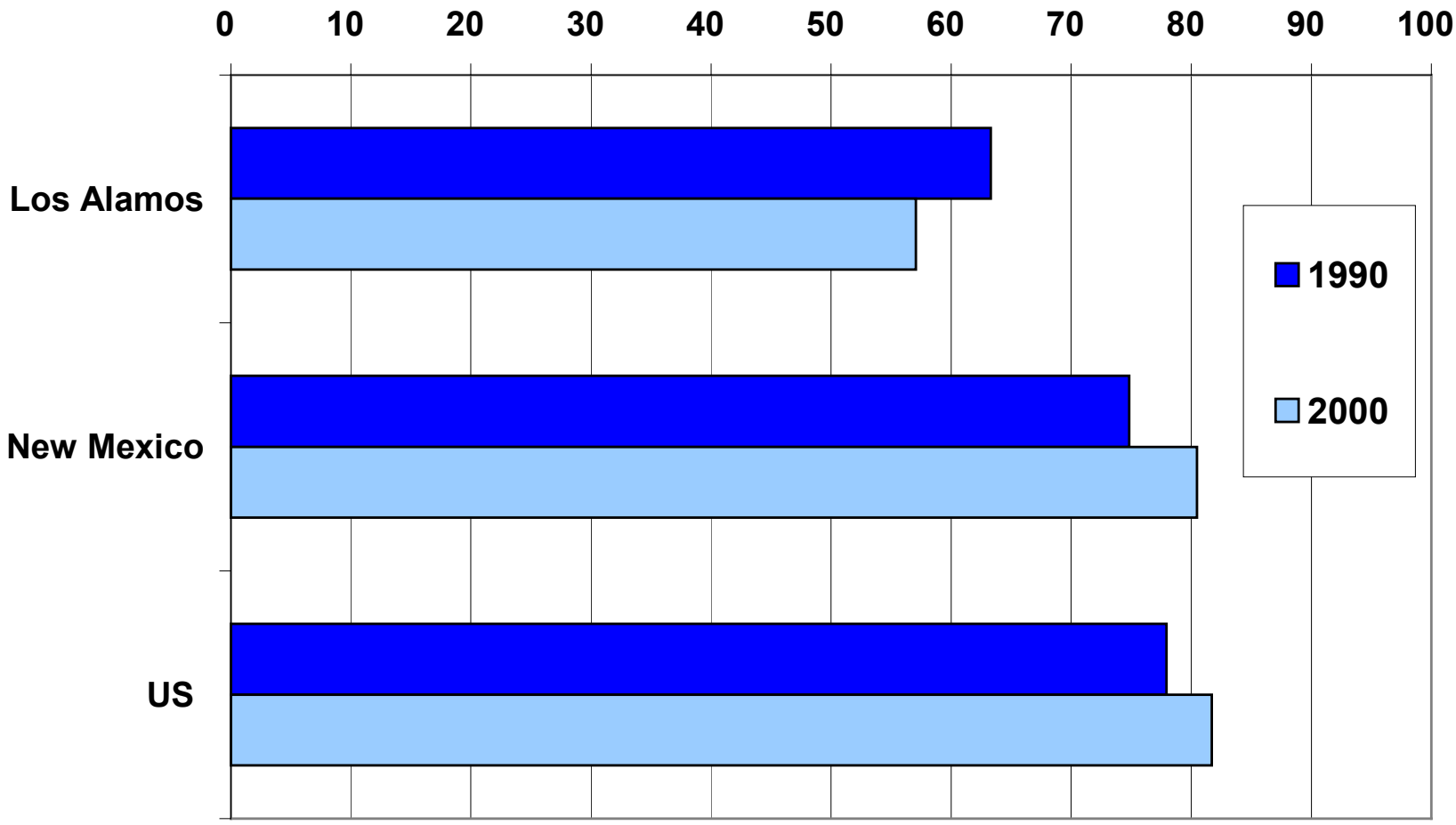
Source: New Mexico Department of Labor, Covered Employment

WHOLESALE TRADE EMPLOYMENT PER 1,000 POPULATION



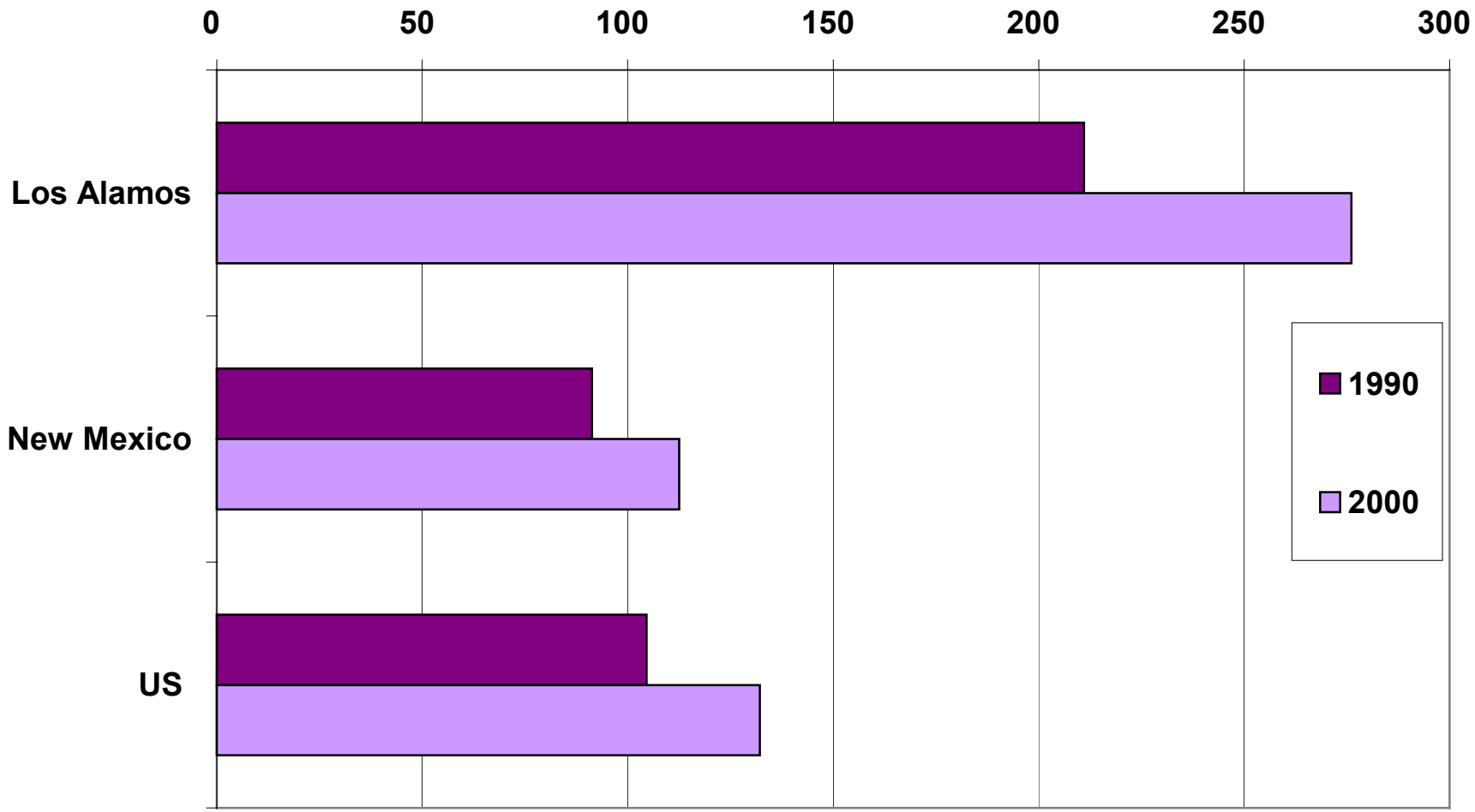
Source: New Mexico Department of Labor, Covered Employment

TOTAL RETAIL TRADE EMPLOYMENT PER 1,000 POPULATION



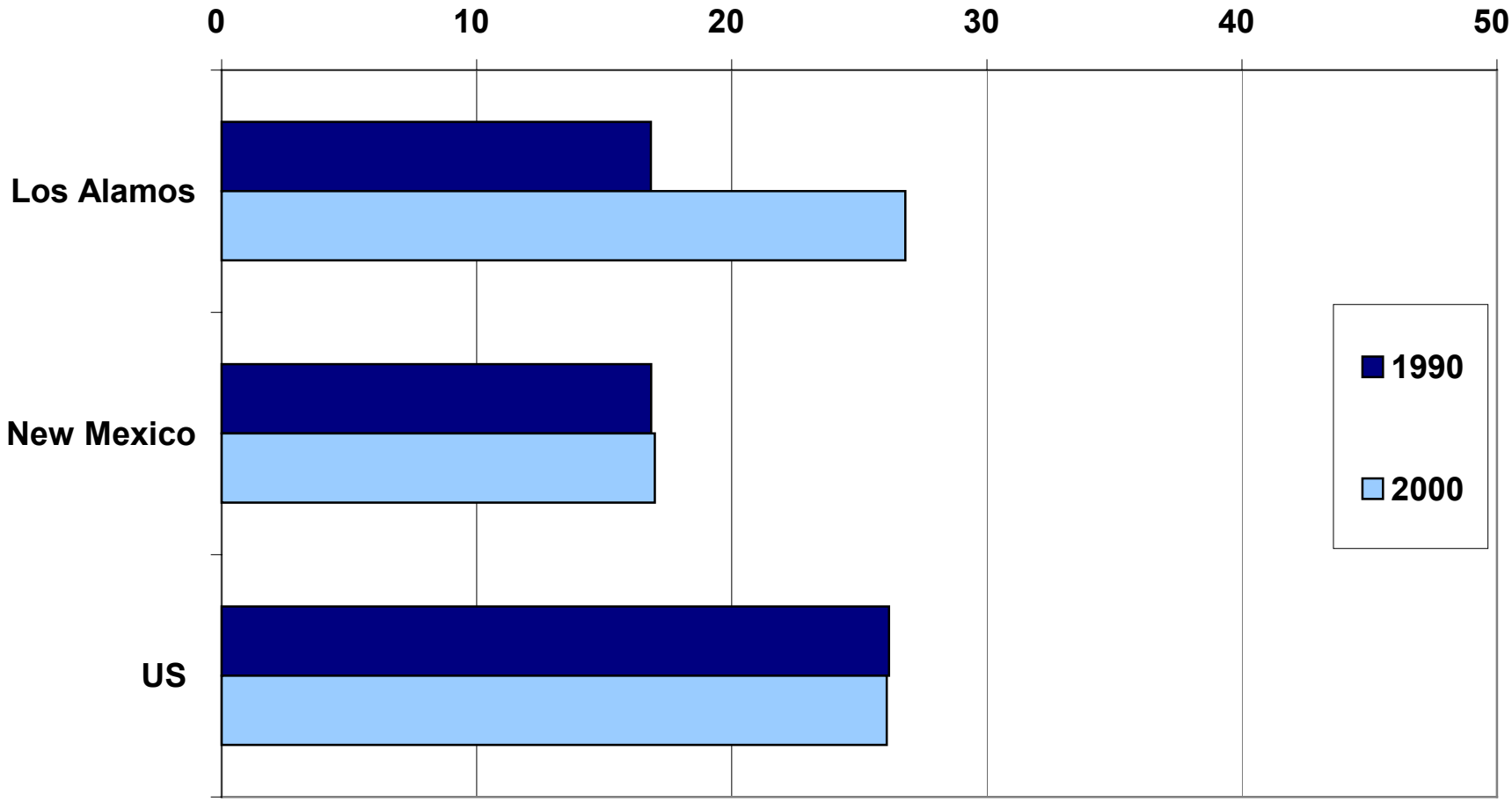
Source: New Mexico Department of Labor, Covered Employment

SERVICE SECTOR EMPLOYMENT PER 1,000 POPULATION



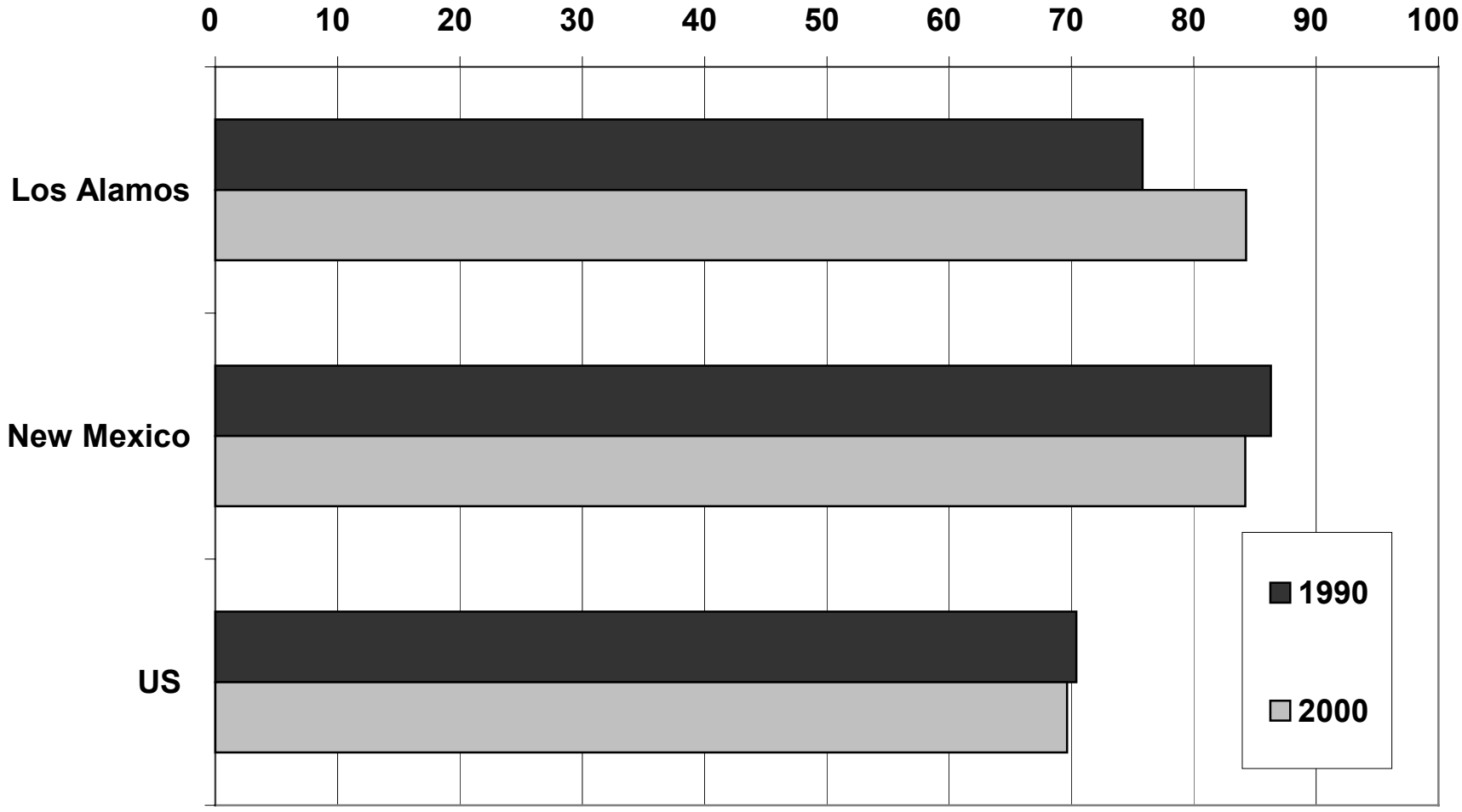
Source: New Mexico Department of Labor, Covered Employment

FINANCE, INSURANCE AND REAL ESTATE EMPLOYMENT PER 1,000 POPULATION



Source: New Mexico Department of Labor, Covered Employment

TOTAL GOVERNMENT EMPLOYMENT PER 1,000 POPULATION



Source: New Mexico Department of Labor, Covered Employment

PULL FACTORS

Gross receipts tax data and be used to analyze whether a community is pulling in customers from outside the area or loosing sales to other areas.

1. Calculate taxable gross receipts per dollar of personal income for local economy and for New Mexico.

2. The local pull factor is the ratio of this figure for the local area to that for New Mexico.

3. A local pull factor greater than 1 indicates that the local spending is high relative to income and that the area may be pulling in customers from elsewhere.

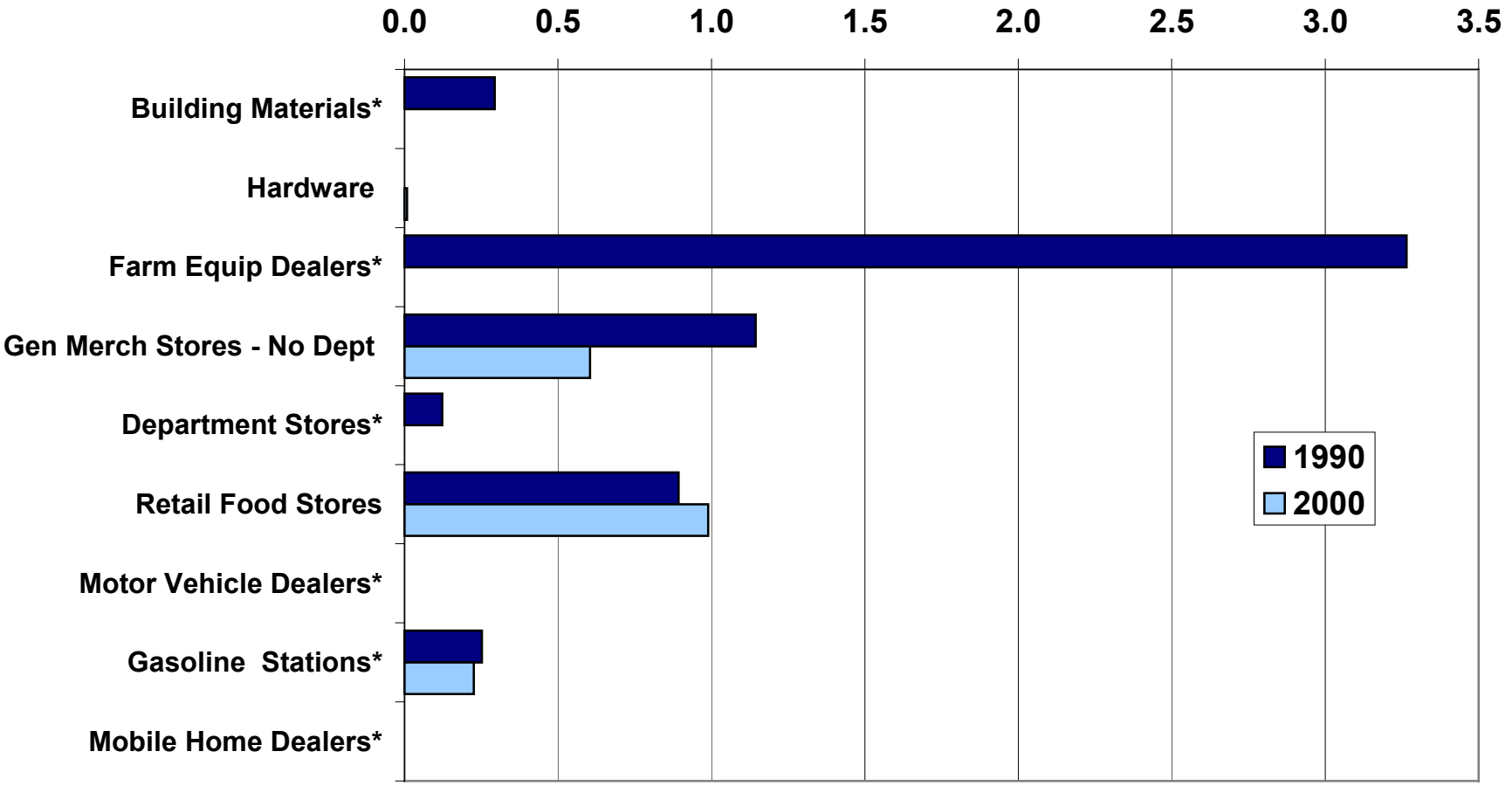
4. A local pull factor considerably smaller than one may indicate that the market is under-served -- that there are business opportunities.

Los Alamos County Pull Factors

- In 2000, Los Alamos County had no retail subsector with a pull factor greater than 1 (retail food equaled 1).
- A number of service subsectors had pull factors greater than 1, including miscellaneous service, engineering and architectural services and miscellaneous business services.
- In 2000, contract construction was the only remaining primary sector with a pull factor greater than 1.

RETAIL SECTOR PULL FACTORS, LOS ALAMOS COUNTY vs NM

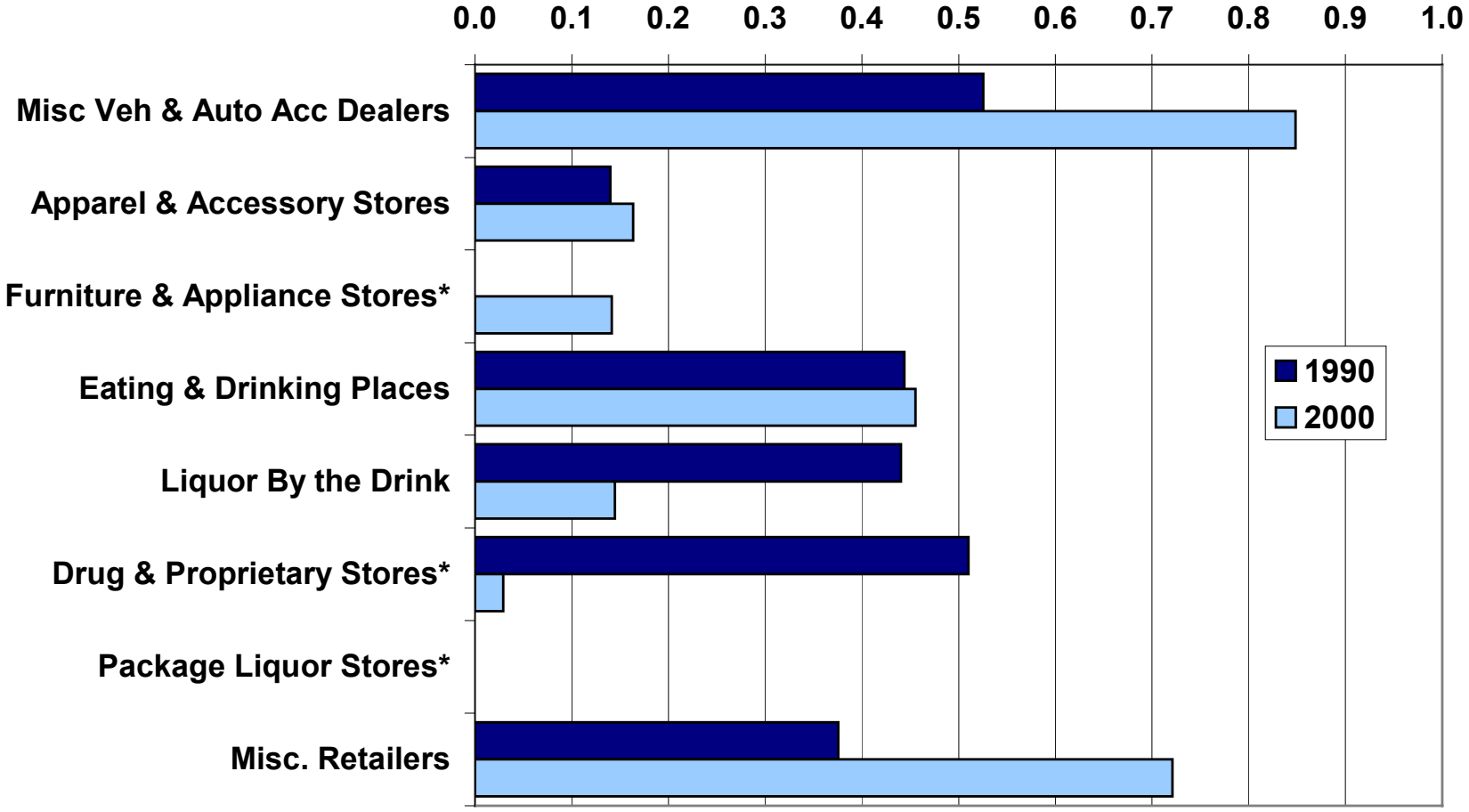
FROM TAXABLE GROSS RECEIPTS PER $1000 OF PERSONAL INCOME



***Disclosure Issues Affect One or More Quarters**

Source of Data: NM Taxation and Revenue Dept Rpt 80
BEA Personal Income

RETAIL SECTOR PULL FACTORS, LOS ALAMOS COUNTY vs NM
FROM TAXABLE GROSS RECEIPTS PER $1000 OF PERSONAL INCOME

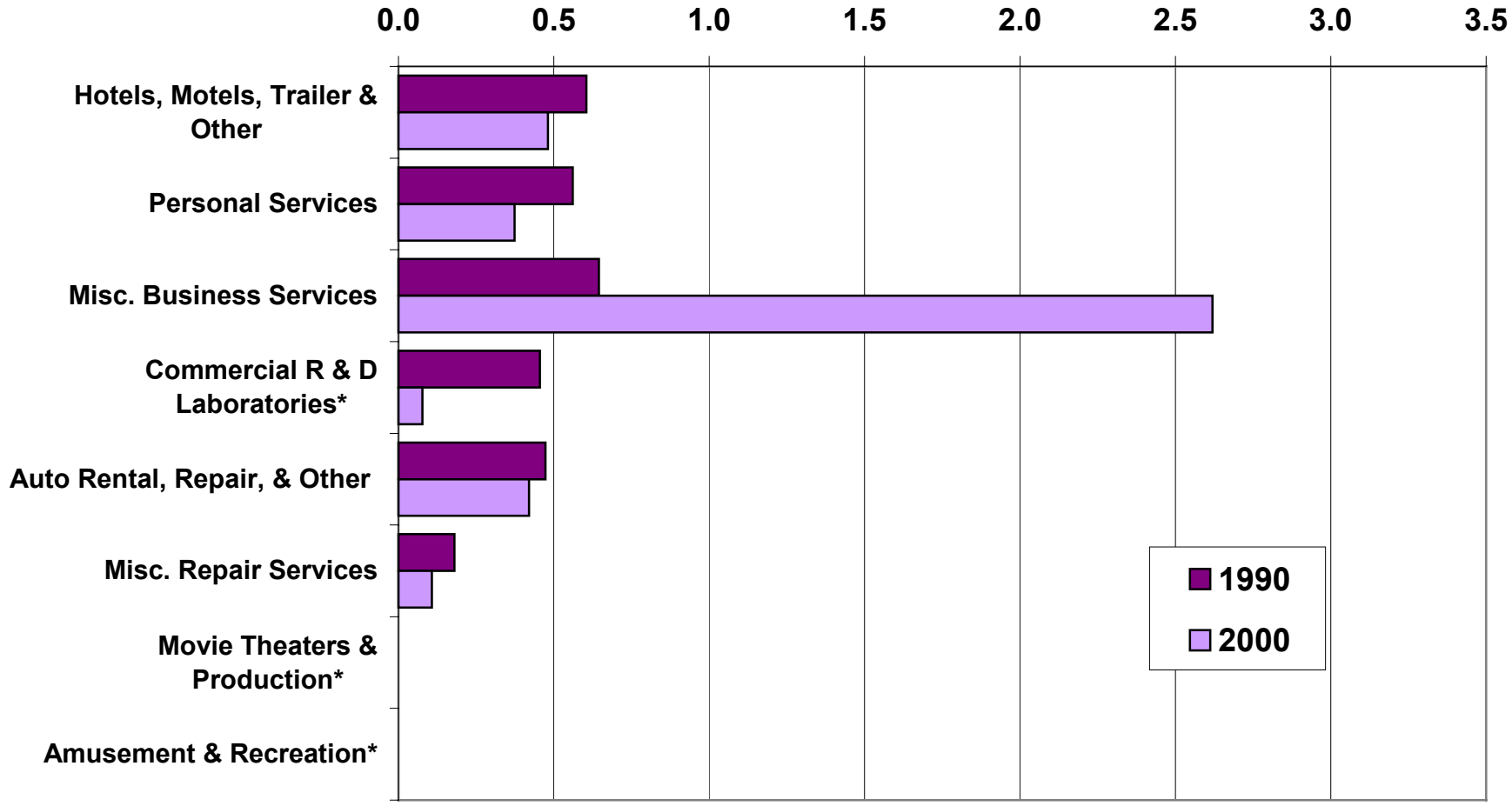


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BEA Personal Income

SERVICE SECTOR PULL FACTORS, LOS ALAMOS CO. vs NM

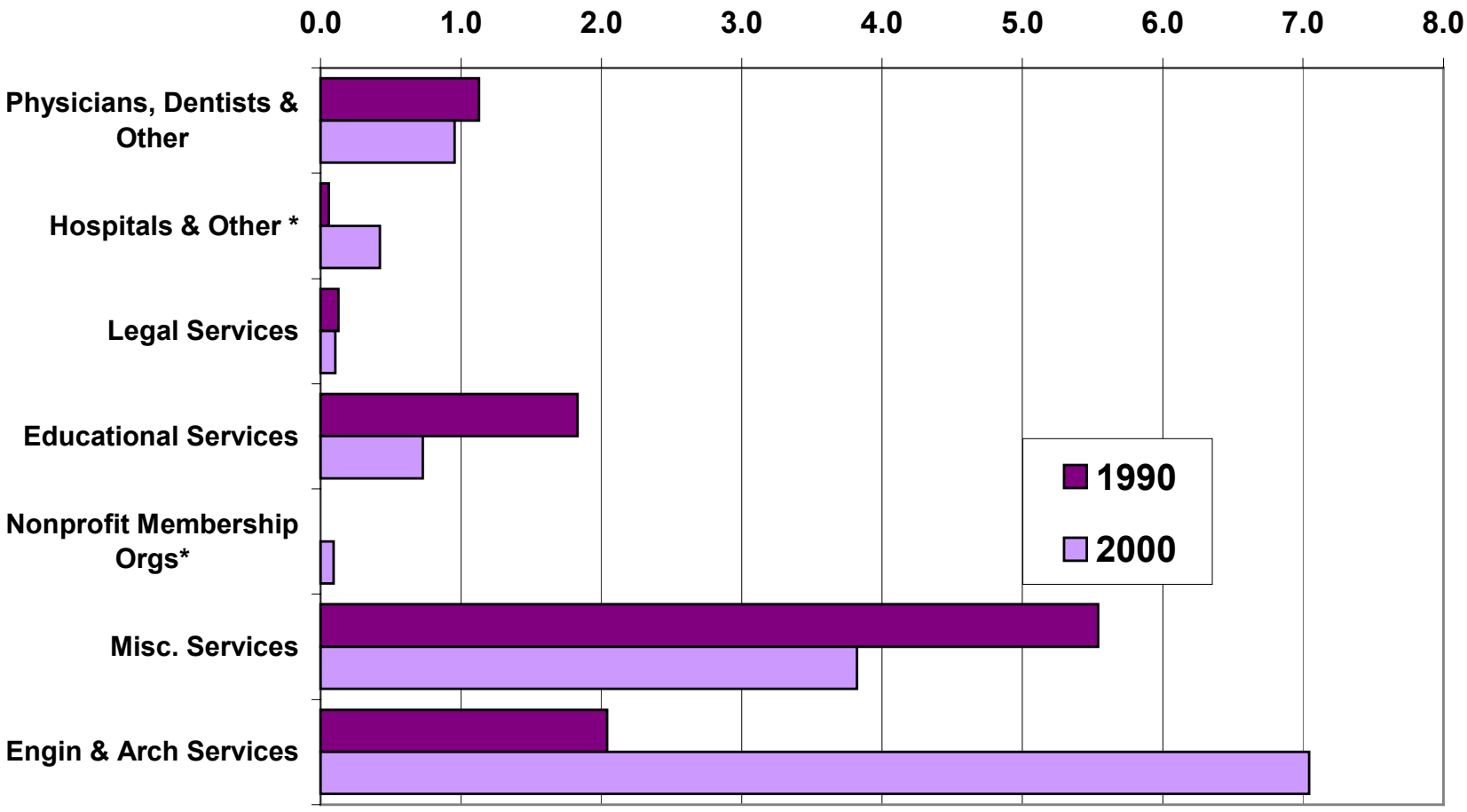
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SERVICE SECTOR PULL FACTORS, LOS ALAMOS CO. vs NM
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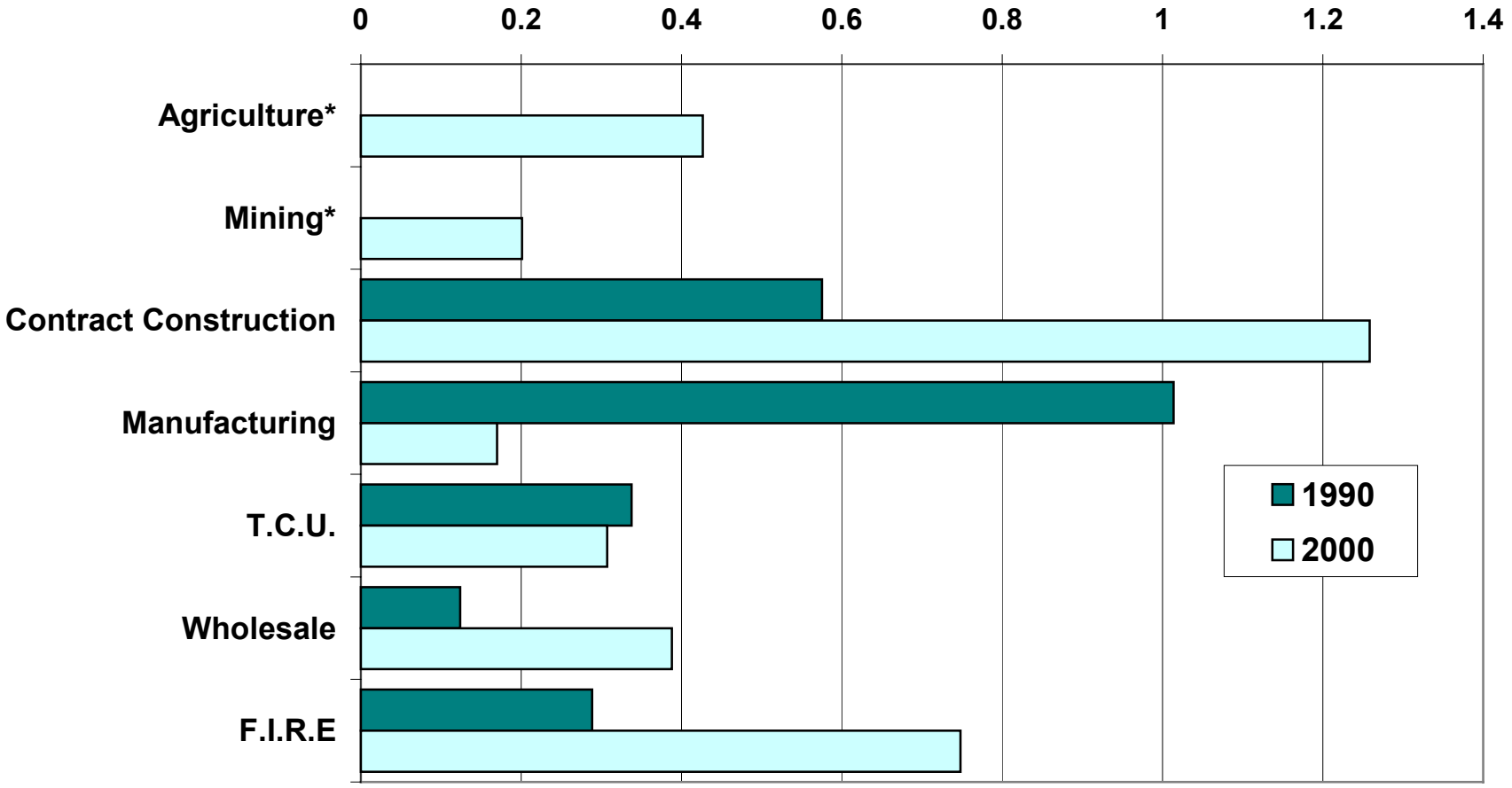


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PULL FACTORS, LOS ALAMOS CO. vs NM

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