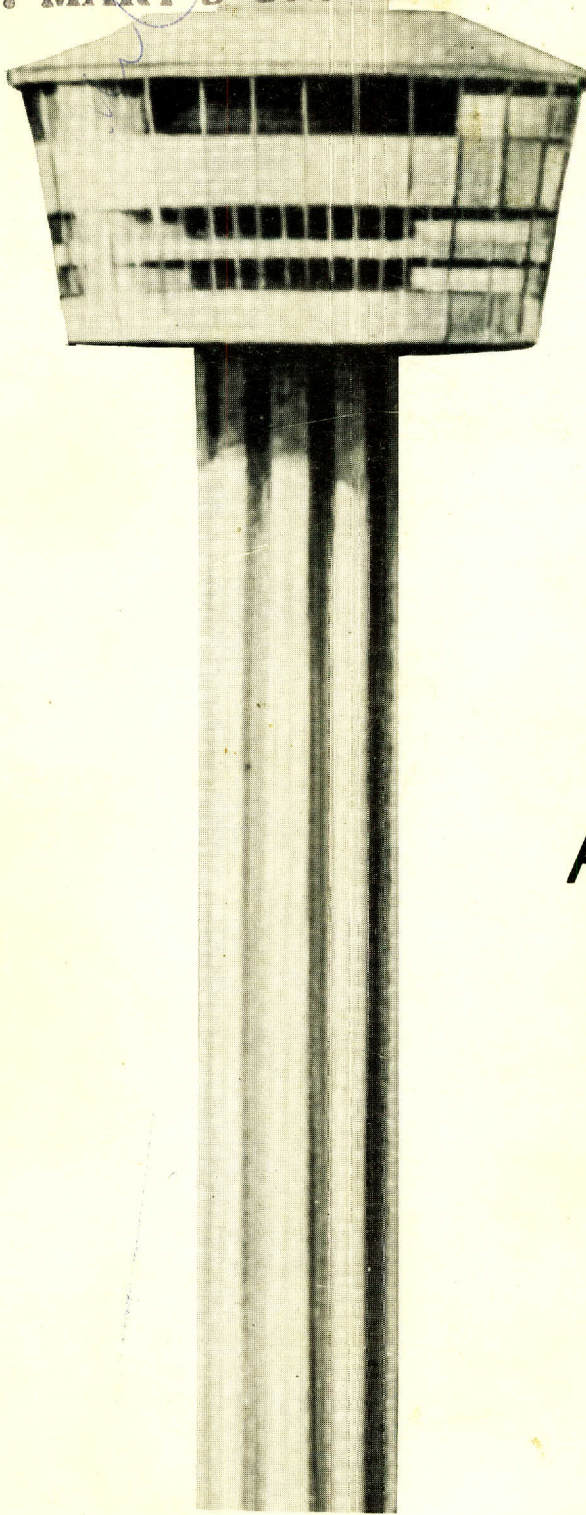


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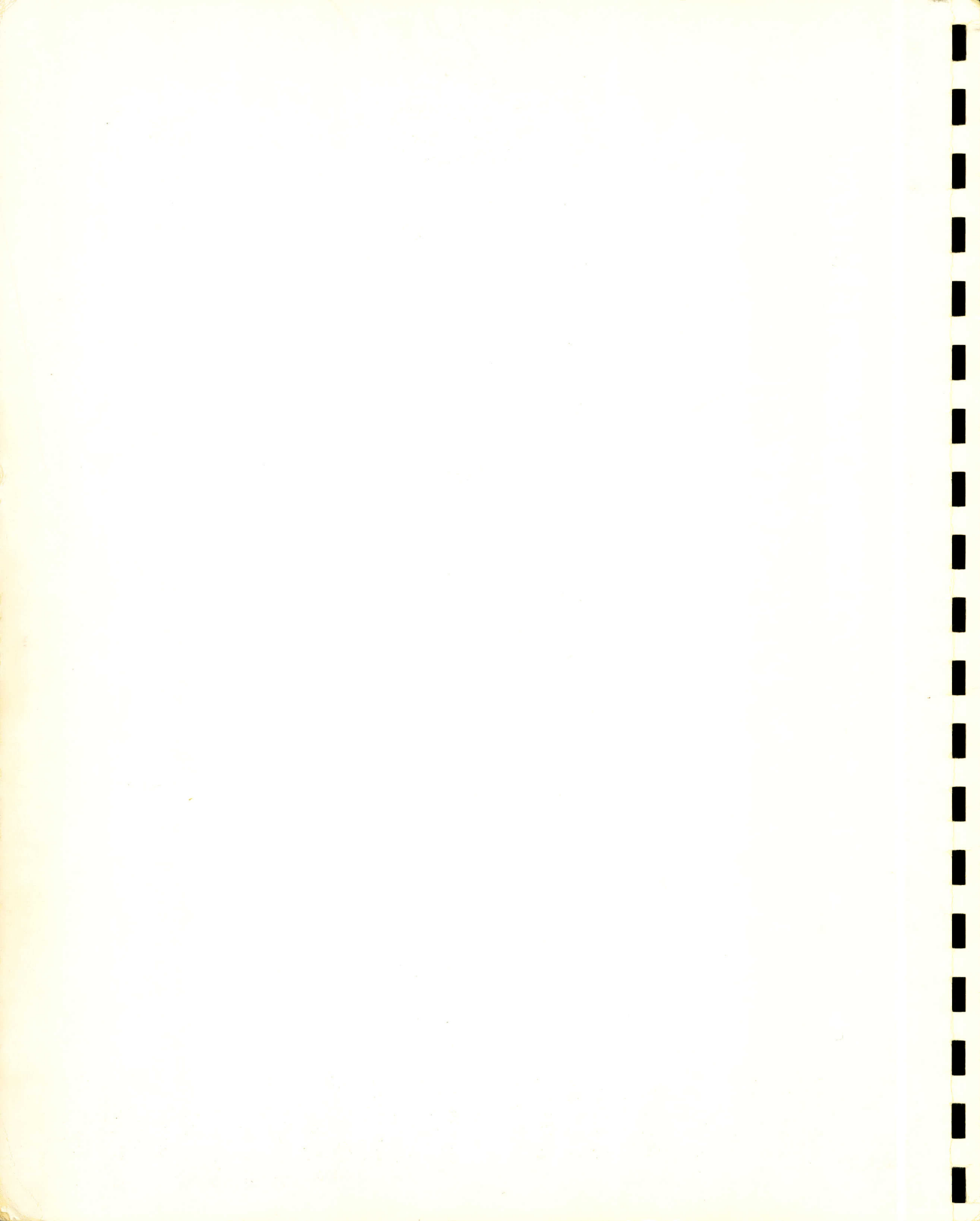
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SAN  
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LARGEST  
CITY

# ECONOMIC FACTBOOK





PLANT LOCATION FACTS

for

SAN ANTONIO, TEXAS

Industrial Development Committee  
and  
Research and Statistics Department

SAN ANTONIO CHAMBER OF COMMERCE  
202 East Commerce -- P. O. Box 1628  
San Antonio, Texas 78206

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# Introduction

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  - A. Location and Area of San Antonio
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Just behind the Tower of the Americas is the 13-million dollar Convention Center having an Arena seating 10,500, a Performing Arts Theatre seating 2,800, 100,000 sq. ft. of exhibit space, 28 meeting rooms, and a Banquet Hall to seat up to 3,100.



A. LOCATION AND AREA OF SAN ANTONIO

1. Location

San Antonio, one of the country's most interesting and colorful cities, is located in BEXAR COUNTY in South Central Texas. Its location, midway between the Atlantic and Pacific seaboards, makes the nation's markets as well as the rapidly expanding Southwestern market readily accessible.

The following are highway distances from San Antonio to principal cities in Texas and the United States:

Corpus Christi	144 Mi.	Laredo, Texas	152 Mi.
Dallas-Fort Worth	275 "	El Paso, Texas	570 "
Houston	199 "	Brownsville, Texas	278 "
Seattle, Washington	2,481 "	Boston, Mass.	2,108 "
St. Louis	917 "	Atlanta, Georgia	996 "
Los Angeles, California	1,379 "	New York, New York	1,834 "
San Francisco, California	1,778 "	New Orleans, La.	565 "
Phoenix, Arizona	981 "	Mexico City, D. F.	908 "
Chicago, Illinois	1,275 "		

2. Area Growth

The present area of San Antonio is 182.73 square miles. When incorporated by the Republic of Texas in 1837, the area of San Antonio was four leagues (approximately 36 square miles) as set out in the original Spanish land grant which established the city in 1718. San Antonio remained its original size until 1938. From 1938 to 1963, there have been a number of scattered annexations.

B. CHARACTER OF LAND AREA (METROPOLITAN SAN ANTONIO)

1. Terrain

The topography of San Antonio's surrounding territory is diversified with sharp contrasts. The southwest half lies on an undulating prairie and brush-covered coastal plain. The northwest half lies above the Balcones Escarpment which traverses Bexar County from northeast to southwest with rugged, hilly country above at the broken edge of the Edward's Plateau. The area is drained by the Cibolo Creek and the San Antonio and Medina Rivers. Many perennially flowing spring-fed streams, including those which form the meandering, beautifully landscaped, San Antonio River in the heart of the city, characterize the terrain.

Soils are clays and sandy loams in the south and east part with much cultivation. Above the Balcones Escarpment are thin limestone soils in an area devoted to livestock. Cedar, mesquite, blackjack, post oak, Spanish oak, elm, hickory and pecan trees cover the area.

2. Elevation

The city varies from 650 to 800 feet above sea level with an average height of 700 feet.

C. HISTORY

San Antonio, often called the "Cradle of Texas Liberty", has one of the most fascinating histories of any American city.

①

From 1685 to 1691, San Antonio, as a part of the territory claimed by La Salle, was under French rule. In June, 1691, a priest with a Spanish expedition to that part of New Spain called Texas renamed the Indian village of Yanaguana and the nearby river: "San Antonio". The building of San Antonio's famed missions began in 1720. A Mexican revolt in 1824 put an end to over 100 years of Spanish rule.

In 1835, chafing under injustices from the new Mexican government, a group of colonists under Ben Milam took San Antonio from Mexican General Cos. To quell the revolt, Mexican Dictator Santa Anna, with an army of over 4,000 massacred the population of Goliad and on March 27, 1836, wiped out a small San Antonio garrison in the immortal battle of the Alamo. On April 21, 1836, under the rallying cry of "Remember the Alamo", an army of angry Texans under Sam Houston defeated the Mexicans at San Jacinto, winning independence for the Republic of Texas. In 1845, Texans voted to join the Union, and the Republic became the "Lone Star State". In January, 1861, Texas withdrew from the Union to join the Confederacy and remained out of the Union until March, 1870.

The city has long been the center of a cattle, industrial, and oil empire. Since Spanish days, the military has been an integral part of San Antonio. The Army's largest military base, Fort Sam Houston, was founded in 1878. Called the "Mother of the Air Force", San Antonio is "home" for Lackland, Brooks, Kelly, and Randolph Air Force Bases.

Today's military population is over 56,000 and the bases employ 39,000 civilians.

Today, San Antonio is a beguiling blend of old and new. Four divergent cultures have successfully combined to form a thriving metropolis unique in the roster of the world's important cities.

#### D. POPULATION

##### 1. City and County Populations

Year	San Antonio & Bexar County
1920	202,096
1930	292,533
1940	338,176
1950	500,460
1960	687,151
1965 (est.)	790,930
1970 (est.)	939,600
1980 (est.)	1,275,000
1990 (est.)	1,729,600

Source: U.S. Bureau of Census and City Planning Department, City of San Antonio, San Antonio Chamber of Commerce and Southwestern Bell Telephone Company.

##### 2. Separately incorporated communities wholly within the city limits of San Antonio

Alamo Heights	7,552
Balcones Heights	950
Castle Hills	2,622
Olmos Park	2,457
Terrell Hills	5,572
Total	19,153

Source: U. S. Bureau of the Census, 1960.

3. Composition of Population

	San Antonio	Bexar County
Anglo-American	51.2%	55.7%
Latin American	41.4%	37.4%
Negro	7.1%	6.6%
Other Non-White	.3%	.3%

Source: U. S. Bureau of the Census, 1960.

E. CLIMATE

1. Description of Weather

One of San Antonio's outstanding resources is its delightful climate. The mild weather which the area enjoys has accounted for much of the city's success in attracting the numerous military aviation bases which surround it and has served as an attractive lure to industries and research facilities.

San Antonio's weather has created an emphasis on outdoor living which in turn has served as an attraction to tourists and has made the recruitment of scarce technical personnel by industry less difficult.

*on separate page*  
 Following are excerpts from the U. S. Department of Commerce Weather Bureau's "Local Climatological Data" report on San Antonio:

"San Antonio, popularly known as the place 'where the sunshine spends the winter', has about 50% of the possible amount of sunshine during the winter months and more than 70% during the summer months. Skies are clear more than 35% of the time and cloudy about 30%."

The location of San Antonio on the edge of the Gulf Coastal Plains results in a modified sub-tropical climate. Southeasterly winds from the Gulf of Mexico prevail during the summertime and may be experienced for long periods of time during the winter. Mild weather prevails during much of the winter months. Measurable snow occurs only once in three or four years.

Normal mean temperatures range from 52.0 degrees in January to a high of 84.0 degrees in July.

While the summer is hot, with daily maximum temperatures above 90 degrees over 80% of the time, extremely high temperatures are rare. Air carried over San Antonio by southeasterly winds is lifted orographically, causing low stratus clouds to develop frequently during the later part of the night. These clouds usually dissipate before noon with clear skies prevailing a high percentage of the time during the afternoon."

2. Temperature

a. Annual Average, 1967

Average daily maximum. . . . .80.1 degrees F.  
 Average daily minimum. . . . .57.9 degrees F.  
 Annual average. . . . .69.0 degrees F.



## b. Monthly Temperatures:

<u>Month</u>	<u>Average Per Month</u> <sup>1973</sup> (1967)	<u>Normal Average Per Month</u> (1931-1960)
January	50.0 degrees F.	52.0 degrees F.
February	51.8 "	55.4 "
March	66.9 "	61.0 "
April	76.6 "	68.2 "
May	76.6 "	75.3 "
June	84.5 "	81.9 "
July	85.3 "	84.0 "
August	82.7 "	83.8 "
September	75.5 "	78.6 "
October	66.9 "	70.6 "
November	60.5 "	59.5 "
December	51.0 "	53.7 "
Year	69.0 degrees F.	68.7 degrees F.

## c. Daily Maximum and Minimum Temperatures, by month, (1931-1960):

<u>Month</u>	<u>Daily Maximum Per Month</u>	<u>Daily Minimum Per Month</u>
January	62.3 degrees F.	41.6 degrees F.
February	66.1 "	44.7 "
March	72.4 "	49.6 "
April	78.8 "	57.6 "
May	85.2 "	65.4 "
June	91.6 "	72.2 "
July	94.0 "	73.9 "
August	94.2 "	73.4 "
September	88.5 "	68.7 "
October	81.5 "	59.6 "
November	70.4 "	48.4 "
December	65.4 "	42.0 "
Year	79.2 degrees F.	58.1 degrees F.

d. 1967 - Days per year above 90 degrees: 118

e. 1967 - Days per year below 32 degrees: 20

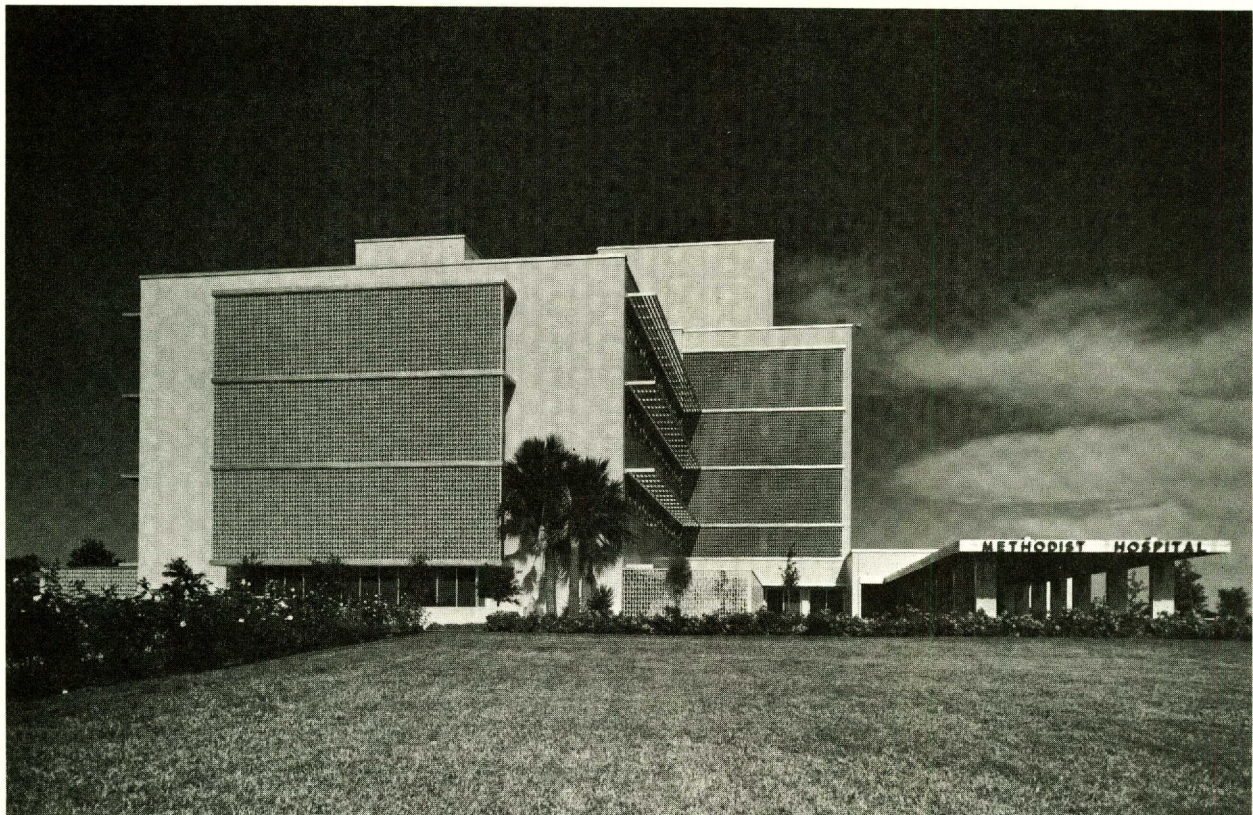
3. Total Rainfall and Normal Rainfall, by Month; Total Snowfall, by Year

<u>Month</u>	<u>Total Rainfall</u> (1967) <u>Inches</u>	<u>Normal Rainfall</u> (1931-1960) <u>Inches</u>	<u>Year</u>	<u>Total Snowfall</u> (1953-1967) <u>Amount</u>
January	.18	1.74	1953-1954	Trace
February	.48	1.65	1954-1955	Trace
March	2.18	1.67	1955-1956	Trace
April	.94	2.82	1956-1957	Trace
May	2.22	3.45	1957-1958	1.5 inches
June	.01	2.95	1958-1959	Trace
July	2.12	2.09	1959-1960	Trace
August	3.17	2.36	1960-1961	Trace

September	11.16	3.49	1961-1962	Trace
October	2.00	2.50	1962-1963	Trace
November	3.42	1.37	1963-1964	2.0 inches
December	1.38	1.75	1964-1965	0.2 inches
			1965-1966	3.5 inches
			1966-1967	Trace
Total	29.26	27.83	Trace - an amount too small to measure	

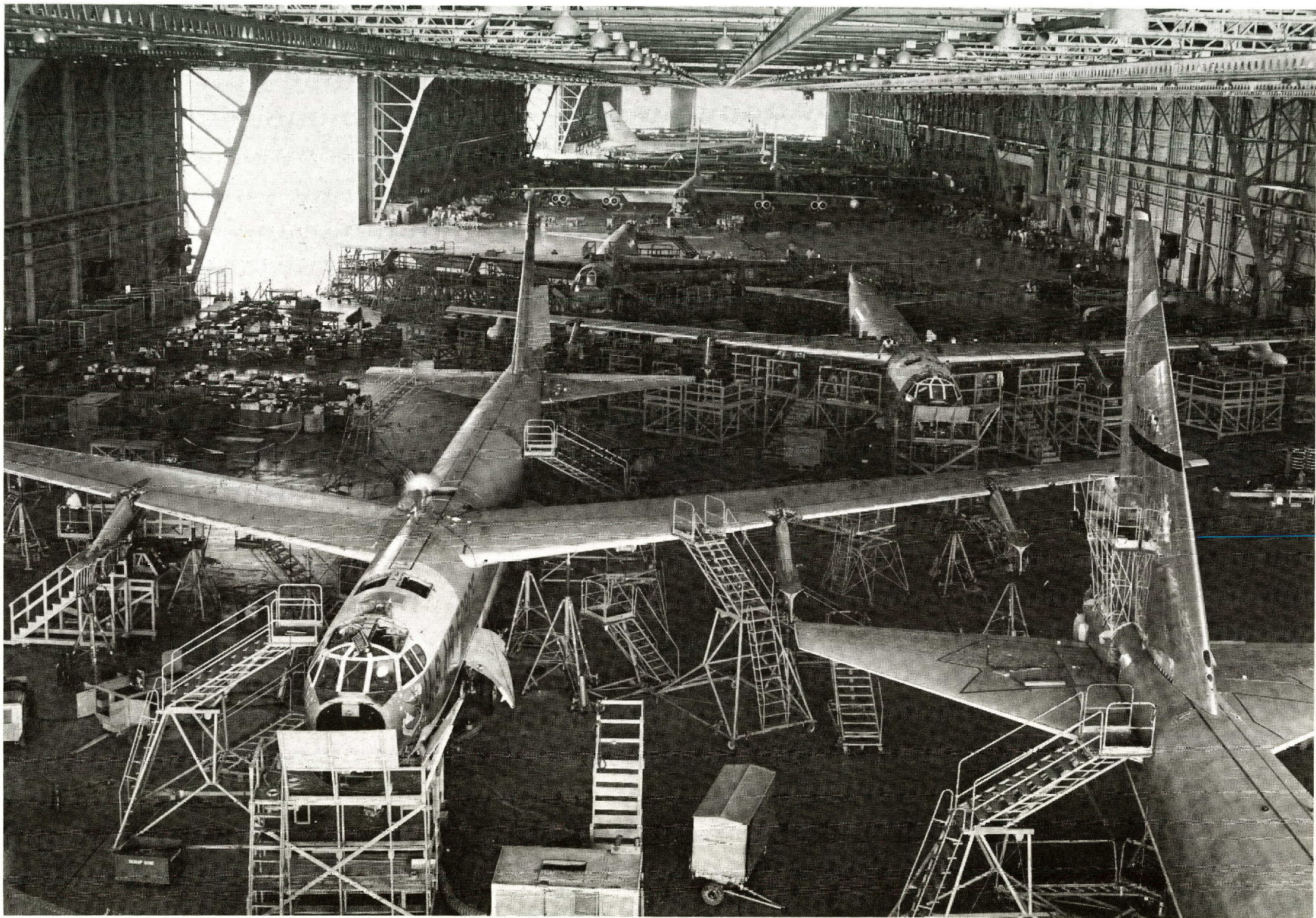
4. Humidity (Average relative humidity by months, over a 22 year period)

<u>Month</u>	<u>Midnight</u>	<u>6:00 A. M. CST</u>	<u>Noon</u>	<u>6:00 P. M. CST</u>
January	76	80	60	58
February	76	80	58	54
March	72	79	53	48
April	77	83	55	51
May	81	88	56	53
June	80	88	54	50
July	75	88	49	43
August	73	86	48	43
September	77	86	53	50
October	76	84	52	52
November	75	80	54	56
December	76	80	57	58
Yearly Averages	76	83	54	51



The nucleus of the South Texas Medical Center, location of the Methodist Hospital, will be the South Texas Medical School, a branch of the University of Texas. This medical complex when completed will employ over 10,000.





One-half of the Strategic Air Command's B-52 Stratofortresses undergoing overhaul and modernization each year pass through the Aircraft Maintenance Shops at Kelly AFB.

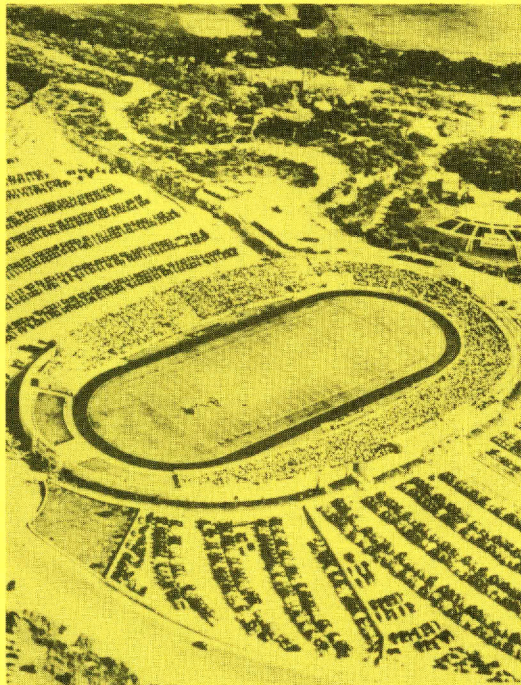


# Living Conditions

## II. LIVING CONDITIONS

- A. Cost of Living
  - 1. Food, Clothing and Shelter
  - 2. Residential Utility Rates
  - 3. Public Transit
- B. Educational, Medical, Recreational and Civic Data
  - 1. Educational Facilities
    - a. Elementary and Secondary Schools
    - b. Universities, Colleges and Junior Colleges
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  - 8. Cultural Activities
  - 9. Historical Attractions
  - 10. Newspapers
  - 11. Hotels and Motels
  - 12. Postal Facilities





An abundance of cultural and recreational activities awaits you and your employees.



## A. COST OF LIVING

The Bureau of Labor Statistics does not publish a cost of living index for San Antonio.

The only Texas city for which cost of living figures are available is Houston. It is generally conceded that the cost of living in San Antonio is slightly less than it is in Houston.

### 1. Food, Clothing and Shelter

**Food Prices** - Food prices in San Antonio are slightly less than the average for the United States. A recent check of food prices on 70 basic items in San Antonio against average prices in the United States as published by the Bureau of Labor Statistics indicated that prices in San Antonio were lower on 40 items, higher on 26 items, and about even on 4 others.

**Clothing Costs** - The cost of clothing in San Antonio is approximately the same as it is in other major cities throughout the United States. A slight savings is realized because of the mildness of San Antonio's climate obviating the necessity for much "winter" clothing.

**Laundry and Cleaning** - The following prices are generally charged by the majority of cleaners and launderers in San Antonio:

Laundry:	Shirts	\$ .25 to \$ .30
	Flat Work	.10 to .15 per pound
	Work Pants	.45
	Work Shirts	.25 to .30
Cleaning:	Suits	\$ .90 to \$1.35
	Trousers	.50 to .65
	Dresses	1.25 and up
	Skirts and Blouses	.60 and up

**Rent** - A recent survey by the San Antonio Real Estate Board revealed the following average rentals for residences and apartments:

<u>Type of Building</u>	<u>Average Monthly Rent</u>
2 Bedroom Residence	\$ 85 - \$125
3 Bedroom Residence	\$ 95 - \$150
2 Bedroom Furnished Apartment	\$125 - \$175
2 Bedroom Unfurnished Apartment	\$125 - \$150
3 Bedroom Furnished Apartment	\$130 - \$225
3 Bedroom Unfurnished Apartment	\$120 - \$175

**Residential Building Costs** - Sites for houses in San Antonio are plentiful and developments are continually being opened as the demand is created.

Cost of residential sites varies considerably with location, but generally falls into the following price ranges:

<u>Cost of House</u>	<u>Lot Cost</u>
up to \$15,000	Cost normally runs 18-20% of cost of home.
\$15,000 to \$30,000	
\$30,000 and up	

**Modern Homes** - The per square foot cost for modern residences varies considerably with the type of construction and quality of the materials used in the construction of the residence. Generally, the prices range from \$10 per square foot to \$15 per square foot.

Smaller frame homes with two and three bedrooms and one or one and one-half baths priced no higher than \$15,000 will cost from \$10 to \$12 per square foot depending on the location.

Larger all masonry homes will cost from \$11 to \$17 per square foot, depending on the location and the number of features.

## 2. Residential Utility Rates

Electricity, natural gas and water are supplied to San Antonio residences by highly efficient municipally-owned utilities. Residential utility rates in San Antonio are generally lower than in competitive cities.

- a. **Electric Power** - Electric power is supplied by the City Public Service Board to the City and surrounding area. Federal Power Commission reports show residential electric rates in San Antonio to be considerably below the national average.

Residential electric rates for San Antonio may be found in Exhibit C.

- b. **Natural Gas** - Clean, economical natural gas is furnished to San Antonio residences by the City Public Service Board.

Residential rates for natural gas may be found in Exhibit D.

- c. **Water** - The City Water Board's residential rates for water are governed by the amount of cubic feet of water used and the meter size which the Board has installed at each residence. The meter size determines the minimum amount which will be charged per 100 cubic feet of water are as follows:

<u>Meter Size</u>	<u>Maximum Allotment Per Minimum Charge</u>	<u>Minimum Charge</u>
5/8 inch	500 cubic feet	\$ 1.40
3/4 inch	1,500 cubic feet	\$ 3.25
1 inch	2,000 cubic feet	\$ 4.40
1 1/2 inch	4,000 cubic feet	\$ 8.30
2 inches	6,000 cubic feet	\$ 12.45
3 inches	13,000 cubic feet	\$ 26.60
4 inches	20,000 cubic feet	\$ 38.50
6 inches	48,000 cubic feet	\$ 72.30
8 inches	80,000 cubic feet	\$107.50
10 inches	120,000 cubic feet	\$151.50

If water usage amounts to more than the minimum water allowances for any size meter, disregard the minimum and use scale below to determine charge.

		<u>Rate Per 100 Cubic Feet</u>	
First	500	\$ .28*	\$ .36**
Next	6,500	\$ .23*	\$ .32**
Next	18,000	\$ .17*	\$ .23**
Next	225,000	\$ .11*	\$ .14**
Next	250,000	\$ .09*	\$ .12**
All in excess of	500,000	\$ .08*	\$ .11**

\*Rate per 100 cubic feet inside city limits

\*\*Rate per 100 cubic feet outside city limits

- d. Telephone Service - The Southwestern Bell Telephone Company's residential rates within the Basic Rate Area are as follows:

Residence Straight Line	\$5.50
Two Party Line	\$4.70

For telephone service to parties outside the Basic Rate Area, there is an additional charge.

Residence Straight Line	\$7.50
Two Party Line	\$5.75

There is also a ten percent Federal Tax levied on and in addition to the total charge for service as outlined above.

### 3. Public Transit

Transportation for individuals within the city and immediate area is supplied by the city-owned San Antonio Transit System and six taxicab companies.

- a. Bus Fares - The city is divided into circular zones at distances of 2.75 miles, 4.5 miles, 6 miles and 7.5 miles from the center of the city (San Fernando Cathedral). The rates are 20¢ at the first zone and 5¢ for each zone thereafter.
- b. School children may obtain School Bus Cards which allow them to ride from the original zone through any zone for a fare of 10¢.
- c. Randolph AFB (located 17 miles east of San Antonio) and the surrounding area are served by the Randolph Field Bus Company. Fare is 55¢ one way or \$1.00 round trip. Buses run on a regular schedule.
- d. Taxi Fares, etc. - The six taxicab companies in San Antonio all use the same fare rate. This fare is as follows:

\$ .45 for the first 1/3 of a mile
\$ .10 for each additional 1/4 of a mile thereafter

Although meter taxicabs ride to and from the airport, limousine service is provided at a flat rate of \$1.25 per person, each way.

## B. EDUCATIONAL, RECREATIONAL AND CIVIC DATA

### 1. Educational Facilities

#### a. Elementary and Secondary Schools

A total of fifteen public independent school districts serve Bexar County. Of these, three are located on military reservations. These fifteen school districts reports a total Average Daily Attendance of 169,964 through mid-October, 1967. No tuition is charged students attending public schools within their own district.

#### (1) Public Independent School Districts:

District	Average Daily Attendance, Oct. 1967	Schools in District		
		Sr. High	Jr. High	Elementary
Alamo Heights I. S. D.	4,961	1	1	4
Edgewood I. S. D.	20,205	3	5	16
Harlandale I. S. D.	15,396	2	3	14
North East I. S. D.	23,225	4	4	17
Northside I. S. D.	14,272	3	3	15
San Antonio I. S. D.	72,972	9*	20	74
Somerset I. S. D.	658	1	0	1
South San Antonio I. S. D.	6,352	1	1	8
Southwest I. S. D.	2,272	1	1	2
Fort Sam Houston I. S. D.	1,574	1	1	1
Lackland I. S. D.	783	0	1	1
Randolph I. S. D.	1,385	1	0	1
East Central R. H. S. D.	2,532	1	1	3
Judson R. H. S. D.	1,555	1	1	2
Southside R. H. S. D.	1,821	1	1	3
	169,964	30	43	162

\*Two junior-senior schools included

(2) Parochial Schools

The Catholic Church has the largest number of these schools and students, others are operated by various Baptist, Episcopal, Lutheran Churches and others.

In November 1967, the Catholic Parochial School system encompassed 48 elementary schools and 14 high schools; including 6 schools where elementary and high school grades are combined. Total enrollment was more than 21,600 in November, 1967, in the above schools.

b. Universities, Colleges and Junior Colleges

(1) Universities

- (a) St. Mary's University - This is a Catholic university with coeducational facilities in all of its classes with on-campus residential facilities for men and for women. Day and night classes are held at the Woodlawn Campus. The tuition is \$480 per semester for undergraduate courses, \$35 per semester hour for graduate courses and for Law School. The present total enrollment is 3,848 full and part time students.

Courses offered include:

Undergraduate - Bachelor of Arts degree in economics, English, government, history, international relations, mathematics, music, philosophy, psychology, physical education, sociology, Spanish, speech, teacher education for high school TEA certification.

Bachelor of Science degree in biology, chemistry, geology, industrial engineering, mathematics and physics.

Bachelor of Business Administration degree in accounting, economics, finance, management, marketing, general business.

Bachelor of Law and Bachelor of Musical Education degrees.

Graduate - Masters degrees in twelve fields: business administration, chemistry, economics, English, government, history, industrial engineering, mathematics, physics, psychology, sacred doctrine, student personnel services.

- (b) Trinity University - A 100-year-old, non sectarian, coeducational university founded by Texas Presbyterians in 1869. The undergraduate college and the Graduate School offer degree programs in the liberal arts and sciences. The university has a 1967 enrollment of 2,500 students, most of whom are full-time. One-half are resident students.

The university is accredited by the Southern Association of Colleges and Schools and the other leading accrediting agencies. More than 70% of all classroom instruction is by professors holding the earned doctorate. Tuition is \$700 per semester for both graduate and undergraduate work (\$60 per semester hour). An all new 107-acre skyline campus of 40 modern air conditioned buildings - all constructed since 1950.

Courses offered include:

Undergraduate - Bachelor of Arts, Bachelor of Science and Bachelor of Music in the following fields: art, biology, business administration, chemistry, classics, engineering science, economics, education, English, foreign languages, geology, political science, health and physical education, history, home building, home economics, journalism, mathematics, music, philosophy, physics, psychology, religion, sociology, drama and speech. Military Science is also offered. Interdepartmental studies are offered in American Studies, European Studies, Foreign Service and Latin American studies.

Graduate - Master of Arts, Master of Science and Master of Education degrees in the following: biology, business administration, chemistry, drama, economics, education, engineering, English, French, German, history, hospital administration, mathematics, music, philosophy, political science, physics, psychology, religion, social science, sociology and Spanish.

- (c) South Texas Medical School - A branch of the University of Texas will be located on a 100-acre site in northwest San Antonio and will be the nucleus of the South Texas Medical Center. Completion date will be September, 1968.

(2) Colleges

- (a) Incarnate Word College - Incarnate Word College is a nationally accredited Catholic college for women with an enrollment in 1967 of 1,440 students. Tuition and fees is \$400 per semester.

Courses offered include:

Undergraduate - Bachelor of Arts with majors in art, biology, chemistry, English, French, German, history, Latin, mathematics, sociology, Spanish, elementary and secondary education.

Bachelor of Music with majors in piano, violin, voice and music education.

Bachelor of Science in home economics, medical technology, medical record, science, nursing, physical education and vocational homemaking.

Graduate - Master of Arts in education, English and biology, and minors in chemistry, history, mathematics and Spanish.

- (b) Our Lady of the Lake College - Our Lady of the Lake College is a Catholic liberal arts college whose enrollment of 1,495 students in 1967-68 was composed mostly of women, the majority of men being registered in its graduate division. Tuition in the undergraduate school is \$375 per semester or \$25 per semester hour. Tuition in the graduate division is \$30 per semester hour. The College operates the Harry Jersig Speech and Hearing Center in conjunction with its Speech Pathology Department, and the Worden School of Social Service, one of the two schools of social work in the state.

Courses offered include:

Undergraduate - Bachelor of Arts degree with areas of concentration in art, biology, chemistry, classical languages, economics, English, history, librarianship, mathematics, modern languages (French, German, Spanish), music, philosophy, political science, religious studies, speech, speech therapy and theology.

Bachelor of Music with emphasis on piano, violin, organ, voice or pedagogy of applied music.

Bachelor of Music Education with vocal, piano or instrumental specialization.

Bachelor of Science degree in business administration, home economics and medical technology.

Graduate - Masters degrees in education, English, library science, social service and speech.

(3) Junior Colleges

San Antonio Union Junior College District is controlled by a Board of Trustees elected by the citizens of San Antonio.

- (a) San Antonio College is a tax-supported, two-year junior college which had a 1967-68 Fall semester enrollment of 11,400 students in the day and evening divisions. Nearly 24% of the head-count enrollment was military-connected personnel. District residents pay a semester tuition of \$60 for 12 or more hours, or pro-rata or \$5 per hour for non-laboratory and \$7 for laboratory courses.



Courses offered include:

Associate degrees in arts, sciences and mortuary science and Certificate of Completion diplomas are awarded to students who satisfactorily complete two-year programs. Instruction is offered in standard college freshman and sophomore fields, plus vocational and technical programs. The range includes the following: architecture, art, business administration, dentistry, engineering, geology, journalism, law, librarianship, medical science, medical technology, mortuary science, music, nursing, health and physical education, teacher training, speech, secretarial training, dental assistant, medical office assistant, electronics, drafting, air-conditioning and refrigeration, data processing, radio broadcasting, mid-management program and others.

In addition, the college offers facilities and professional staff for community services.

- (b) St. Philip's College is the second institution in the San Antonio Union Junior College District and is also tax-supported. St. Philip's College had a 1966-67 enrollment of 1032 students. The cost is \$5 per semester hour for 3-12 semester hours, \$60 maximum per semester for district residents.

Courses offered include:

Associate in Arts degree in the following academic courses: business administration, health and physical education, home economics, laboratory technology, liberal arts, music, pre-dentistry, pre-medicine, pre-nursing pre-engineering, pre-law, pre-social service, secretarial science and teacher training. Associate in Science in the following courses: aeronautic technology, air-conditioning and refrigeration, auto mechanics, automotive body and frame service, electronics, plumbing, welding, tailoring, upholstery, vocational nursing, nurse aide, machine shop technology, business technology, secretarial science technology, and surveying technology.

- (4) Area Colleges offering advanced degrees in science and engineering:

The University of Texas, offering Masters and Doctorate degrees in almost all science and engineering fields, is located in Austin, Texas, approximately 70 miles northeast of San Antonio.

Other major colleges offering advanced degrees in science and engineering and their approximate distances from San Antonio are as follows:

<u>College</u>	<u>Location</u>	<u>Distance from San Antonio</u>
Texas A & M University	College Station	165 miles
Baylor University	Waco	185 miles
Rice University	Houston	202 miles
Texas Technological College	Lubbock	409 miles
Southern Methodist University	Dallas	265 miles
Texas Christian University	Fort Worth	269 miles
University of Houston	Houston	202 miles
Lamar Tech	Beaumont	282 miles

## (5) Facilities for Occupational Training

Vocational trade training for high school students is offered at the L. W. Fox Vocational & Technical High School, Luther Burbank Vocational High School, George W. Brackenbridge High School, Thomas Edison High School, Sidney Lanier Vocational High School, Phyllis Wheatley High School, Harlandale High School, MacArthur High School, John Marshall High School, East Central Rural High School and the Edgewood High School. These schools teach basic trade skills and technical knowledge in classes classified as Trade and Industrial Education or sometimes called "Smith-Hughes" classes.

During the 1966-1967 school year approximately 2,700 high school students spent 3 hours each day learning a trade in these vocational training programs which are taught in the San Antonio Public Schools and in schools located in our suburban communities. There will be more students learning trades in the future as many additional vocational departments are being planned for these schools. These public schools prepare their graduates to enter the following trades:

Agriculture	Electronics
Air-Conditioning	Engineering Drafting
Architectural Drafting	Garment Manufacturing
Auto Body & Fender Repair	Machinist Trade
Auto Painting	Office Education
Auto Mechanics	Photography
Building Trades	Pipe Fitting
Business Education	Plumbing
Cabinet Millwork	Printing
Commercial Art	Radio & T. V. Servicing
Cosmetology	Refrigeration
Data Processing	Sheet Metalwork
Distributive Education	Upholstery
Dressmaking	Vocational Drafting
Electrical	Vocational Metal Trades
	Welding

Adult education is offered in the Part-Time and Evening School Division of the San Antonio Independent School District and through St. Mary's University. During the 1964-67 school year over 5,000 persons were enrolled in a broad range of academic, trade, industrial and vocational fields, as well as courses in distributive education and Liberal Arts (non-credit).

Under provisions of the Manpower Development and Training Act, training is being conducted in a number of occupational shortages in the San Antonio area through the public schools systems in conjunction with Texas Employment Commission and the Texas Education Agency.

Training in the following vocational fields is also available through the several commercial colleges and other private training facilities:

<u>Course</u>	<u>Course</u>
Accounting	Public Speaking
Air-Conditioning	Radio
Aviation (Pilot Training)	Real Estate

Barber	Salesmanship
Beauty Culture	Television
Business	Watchmaking
Ceramics	Civil Service
Chiropractic	Drafting
Electrical, Electronics	Hypnotism
Modeling	Language
Nursing	Mortuary Science
PBX Operation	Photographic
Art	Cooking

2. Churches - San Antonio is a city of many beautiful churches with a high percentage of church attendance. There are over 500 churches representing 41 denominations located throughout the city. Following is a listing of denominations and their number of churches:

Assembly of God	15	Church of God in Christ	8
Baptist - National Convention, Inc.	2	Episcopal	15
Baptist - National Convention of America	58	Evangelical Free	2
Baptist - Southern	92	Evangelical United Brethren	2
Baptist - Other	22	Foursquare Gospel	1
Catholic - Roman	63	Greek Orthodox	1
Christian - Disciples of Christ	9	Jewish	3
Christian - Other	6	Latter-Day Saints	6
Christian Science	4	Latter-Day Saints - Reorganized	3
Church of Christ	26	Luther Church in America	6
Church of Christ - Other	3	Lutheran - American	15
Church of God	8	Lutheran - Missouri Synod	12
Church of God - Anderson, Indiana	3	Methodist	40
Methodist - Rio Grande Conference	6	Non-Denominational	4
Methodist - West Texas Conference	8	Pentecostal	21
Methodist - African Methodist Episcopal	10	Presbyterian Church in the U. S.	21
Methodist - Christian Methodist Episcopal	1	Presbyterian - Cumberland	3
Methodist - Free	3	Seventh Day Adventist	3
Methodist - Other	4	United Church of Christ	3
Nazarene, Church of the	12	United Presbyterian Church in U. S.	8
		Various Denominations	15

### 3. Hospital Facilities

San Antonio is rapidly becoming a great center of medicine. A number of hospitals are located in the downtown area, while others are found in suburban surroundings. Following is a list of the major private, public and governmental hospitals located in San Antonio as of February, 1968, all of which have at least 100 beds each:

#### a. Private Hospitals

- (1) Baptist Memorial Hospital, 111 Dallas Street, Zip Code 78205 - 689 beds, 200 of which are under construction and due to be completed in June, 1968.

- (2) The Children's Hospital, Santa Rosa Medical Center, 519 West Houston Street, Zip Code 78207 - 260 beds.
- (3) Laurelwood Medical Hospital, 2717 North Flores Street, Zip Code 78212, 142 beds.
- (4) Lutheran General Hospital, 701 South Zarzamora Street, Zip Code 78207 - 200 beds.
- (5) Nix Memorial Hospital, 414 Navarro Street, Zip Code 78205 - 185 beds.
- (6) Santa Rosa General Hospital, Santa Rosa Medical Center, 519 West Houston Street, Zip Code 78207, 545 beds.
- (7) Southwest Texas Methodist Hospital, South Texas Medical Center, Louis Pasteur and Wm. Mayo Drives, Zip Code 78229 - 186 beds.

Total beds in major private hospitals: 2,207. Current daily rates for wards in private hospitals range from \$19.00 to \$27.00; semi-private rooms range from \$24.00 to \$28.00 and private rooms range from \$25.00 to \$36.00.

b. Public and Governmental Hospitals

- (1) Brooke General Hospital, Brooke Army Medical Center, Fort Sam Houston, Zip Code 78234 - 1,000 beds.
- (2) Wilford Hall USAF Hospital, Lackland Air Force Base, Zip Code 78236 - 1,000 beds.
- (3) San Antonio State Hospital, 5900 South Presa Street, Zip Code 78223 - 2,900 beds.
- (4) San Antonio State Tuberculosis Hospital, P. O. Box 23340 Highland Hills Station, Zip Code 78223 - 1,000 beds.
- (5) Bexar County Teaching Hospital, (Bexar County Hospital District), South Texas Medical Center, 4500 Medical Drive, Zip Code 78229 - 516 beds, opening scheduled for September, 1968.
- (6) Robert B. Green Memorial Hospital, (Bexar County Hospital District), 527 North Leona Street, Zip Code 78227 - 285 beds.
- (7) Southton Convalescent Sanatorium, (Bexar County Hospital District), P. O. Box 7190, Zip Code 78206 - 250 beds.

Total beds in public and governmental hospitals: 6,951.

- c. In addition to the major hospitals listed above, there are a number of other private hospitals, convalescent homes and nursing homes located throughout the city.

4. Proposed Hospital Construction

- a. Santa Rosa Medical Center - New 300-bed addition to its General Hospital facilities in two phases of 150 beds each. It further plans on Outpatient Clinic in the downtown area. Also developing a 200-bed psychiatric facility at the site of the Oak Hills Medical Center as well as a 100-bed rehabilitation unit.
- b. Southwest Texas Methodist Hospital - A five story addition will be built in the near future on top of the five existing stories of the present facility.
- c. Veterans Hospital - Scheduled for a construction start is the 24 million dollar, 700-bed Veterans Hospital. This will be one of the most modern installations in the Veterans Administration System.

## 5. Fraternal Organizations

Most of the usual civic and fraternal organizations such as the Rotary, Lions, Kiwanis, Elks, Masons, Eastern Star, etc., are represented in San Antonio.

Of significant interest is the large number of national professional organizations which have local chapters here. Some of these are:

American Society of Mechanical Engineers  
 American Association of Petroleum Geologists  
 American Institute of Architects  
 National Society for Programmed Instruction  
 American Medical Association  
 American Nurses Association

American Society of Civil Engineers  
 American Society of Safety Engineers  
 American Society for Metals  
 American Welding Society  
 American Institute of Aeronautics and Astronautics  
 Texas Society of Professional Engineers  
 American Dietetic Association

## 6. Libraries

The Southwest Research Institute library has 40,000 volumes of books and periodicals covering a variety of technical fields. The Institute also receives over 1,000 periodicals and has a collection of approximately 45,000 technical reports.

The Bexar County Medical Library Building is the headquarters for the Bexar County Medical Society, International Medical Assembly of Southwest Texas, and the Bexar County Medical Library Association. The library contains a \$100,000 collection of old and rare medical books, a section of biography and history of medicine, along with journals and textbooks.

Other medical research libraries in San Antonio are the Stimson Library and the Brooke General Hospital Library located at Brooke Army Medical Center, the Aerospace Medical Library at Brooks Air Force Base, the Wilford Hall USAF Hospital Library and the Southwest Foundation for Research and Education.

San Antonio's Public Library System consists of a new central main library, eight branch libraries, and five mobile units. A city approved Master Plan for libraries calls for three additional branch libraries. The Library System has 517,143 books and 271,381 U. S. Government publications and Atomic Energy Commission reports. The main library has micro-film and micro-cards, 16mm sound films, a phonograph record collection and a photo-duplication service.

Other libraries in San Antonio include libraries at San Antonio College, Trinity University, St. Mary's University, Incarnate Word College, Our Lady of the Lake College, plus separate Law libraries located in St. Mary's University School of Law and the Bexar County Courthouse. A recent library addition is the nearly 5,000 volume, all Spanish, library maintained by the Mexican government in the Mexican Consulate.

## 7. Recreational Facilities

San Antonio has 4,243 acres of park land excluding 57.26 acres of lakes and 3.5 miles of beautiful river. Brackenridge is our largest completely developed park with facilities too numerous to be enjoyed in a single visit. It has a fine museum, one of the largest zoological gardens and aquarium in the country. Its features include African panorama, barless pits, monkey island, aquarium, and reptile building. Numerous birds, fish, and animals are seen in natural habitat areas. A short distance from the zoo is the lovely Chinese Sunken Garden and outdoor theatre. The garden is filled with thousands of plants that bloom the year around, and the theatre offers a unique setting for outdoor entertainment. This park also includes an 18-hole golf course, 1 junior baseball diamond, 3 softball fields, a golf driving range, horseback riding, picnic areas, fishing area, and

various concessions, including the world's longest miniature railroad trains. In 1965, an elevated sky ride began operation to add to the enjoyment of our thousands of park patrons. This park embraces 320 acres of land in the central area of the city.

To be found in other area and community park areas are sports center, lakes, swimming pools, picnic areas, ball diamonds, recreational buildings, concessions and soccer fields. Three lakes are located in our parks system. On one, sail boating is conducted by a local-sail boat club; fishing is allowed in all the lakes governed by the Texas State Game and Fish Commission laws.

There are 59 city parks, 45 of them are developed. Some of these offer playgrounds, a swimming pool, multi-purpose slab, picnic areas, ball diamonds, concessions and recreational buildings.

Other facilities which may be used by large gatherings include the Alamo Stadium, seating 23,000; Alamo Gymnasium, seating 6,468; the Municipal Auditorium, seating 6,600; the Villita Assembly Building, seating 1,500; and the Joe Freeman Coliseum, one of the largest in the nation, seating 12,200 people.

In the heart of downtown is a 13-million dollar Convention Center having an arena seating 10,500, a Performing Arts Theatre seating 2,800; 100,000 sq. ft. of exhibit space on one level, 28 meeting rooms, and a Banquet Hall to seat up to 3,100 for a meal function, all under one roof, makes this one of the finest Centers in the nation.

Motion Picture Theatres - There are 17 air-conditioned indoor theatres in San Antonio and 21 drive-in theatres. Of these, four are downtown theatres showing first-run movies. Admission prices to downtown and most neighborhood theatres are \$1.00 to \$1.80 for adults and 25¢ to 50¢ for children.

San Antonio has four municipal golf courses. Olmos Basin Golf Course is one of the finest in the southwest. This course continues to be the most popular municipal course since its opening in September of 1963. Other golf courses include:

- 6 country clubs with golf courses.
- 4 municipal golf courses; three 18-hole courses and one 20-hole course. Green fees at three of the courses are \$1.00 on week days and \$1.50 on Saturdays, Sundays and holidays. Fees at Olmos Basin Course are \$1.50 on weekdays and \$2.00 on weekends and holidays.
- 2 Pitch and Putt courses. One is part of a country club. Green fees at the other are 50¢.
- 4 Miniature golf courses.
- 4 Driving ranges. Cost: 50¢ for a bucket of 50 balls.

The City Recreation Division provides a supervised recreational program for both adults and children. Sixteen year-round and 46 summer recreation centers are operated under the Department of Parks and Recreation. There are 12 municipal swimming and 4 junior pools, 40 tennis courts and 22 maintained ball diamonds. The cost for the swimming pools is 50¢ for adults and 15¢ to 25¢ for children.

Many apartment houses have pools which are available to tenants and their guests.

Salt water swimming and beach facilities may be found on the Gulf Coast less than three hours drive to the south.

Landa Park, 25 miles to the north in New Braunfels, offers some of the finest swimming in Texas. The pool there is in a natural setting and its spring-fed icy waters are extremely refreshing on a hot summer day.

Natural Bridge Caverns located in the rugged Texas ranch country midway between San Antonio and New Braunfels on FM 1863, is open 9:00 A. M. to 5:00 P. M., 7 days a week. The Caverns feature large magnificent rooms and intricate passages that have been millions

of years forming; however, the caverns are nearly 100% alive. . . that is, active and still forming. Specially trained tour guides conduct informative and entertaining trips hourly. Cave tour prices are: Adults \$2.00; Children \$1.50; Children under 6 free; Organized group rates for churches, schools, etc. upon request.

There are 42 public tennis courts operated by the City of San Antonio Parks and Recreation Department. In addition, all country clubs and many public schools have excellent courts. There is no charge for the use of public tennis courts.

Fishing - Salt water fishing is available in the Gulf of Mexico just 150 miles away. The bays, cuts and shallows produce excellent strings of speckled trout, Reds (Channel Bass), Flounder, Gafftopsails, Tarpon, etc., while deep water fishing may produce anything from sailfish to man-eating sharks. Most prominent deep water fish include Kingfish, Bonito, Dolphin, Mackerel and Red Snappers.

Fresh water fishing may be enjoyed at a number of nearby spots. Most popular are the Highland lakes, near Austin, and the Guadalupe River, near New Braunfels, which is 25 miles to the north, or Seguin, 30 miles to the east. Most popular fresh water fish include large mouth, white and rock bass, Crappie, Catfish and various types of perch.

Fishing licenses in Texas cost \$2.15 per person for both residents and non-residents.

Hunting - San Antonio is located on the fringe of the finest hunting area in the southwest. It is not unusual for a San Antonio resident to leave early in the morning and return with his deer in time to go to work at his office on time.

In addition, the White Wing Dove area of the Rio Grande Valley is readily accessible from here.

Other wild game which abound in the San Antonio area or in areas which are easily accessible from San Antonio include: Wild turkey, dove, quail, bobcats and javelinas.

Texas resident hunting licenses cost \$3.15 per person and non-resident licenses cost \$25.

Boating - Woodlawn Lake for non-powered boats, located within the city limits of San Antonio; Lake McQueeney, 25 miles from San Antonio near Seguin; has facilities for all types of boating, including sailing, speed boating, water skiing and hydroplaning.

Other major lakes with facilities for boating and their distance from San Antonio are: Medina Lake, 30 miles; the Highland Lakes which include Lake Austin, Lake Granite Shoals, Lake Marble Falls, Inks Lake and Lake Buchanan, 80 miles; and Canyon Lake, 25 miles.

Boats for deep water fishing are available on the Gulf Coast at several points. The average distance is approximately 150 miles.

Other outdoor activities:

Softball - Softball is played nightly on the many lighted diamonds in the city. No admission is charged.

Baseball - The San Antonio Baseball "Missions," a farm club of the Chicago Cubs, play at Keefe Field, St. Mary's University. This Texas League team plays about 70 home games beginning in Mid-April.

Dude Ranching - Some of the finest dude ranches found anywhere are located in the Hill Country north and west of San Antonio. These ranches are half an hour's drive away and have facilities for swimming, tennis, horseback riding, fishing, dining, dancing and other forms of leisure time activities. The informal atmosphere of the dude ranches is particularly appealing to the tired businessmen and their families who want to spend an enjoyable weekend away from home.

Football - San Antonio's Trinity University plays an impressive home schedule in the Southland Conference, including nationally known teams each year. General admission is \$1.50 per game, reserved seats \$3.00 and box seats \$5.00. The charge for servicemen and high schools students is \$1.00.

Southwest Conference games may also be seen by making short trips to their home fields; the nearest Southwest Conference school is the University of Texas in Austin (78 miles). Others nearby include Texas A & M University at College Station (162 miles), Baylor University at Waco (181 miles) and Rice University at Houston (202 miles). Admission to Southwest Conference games is \$5.00 plus tax.

Many of San Antonio's high schools play in the AAAA bracket of the Texas Interscholastic League. Others are engaged in conference play in the other three brackets. Every year, many former San Antonio high school football players star on Southwest Conference teams. Admission to local high school district games is \$1.25 for reserved seats, \$1.00 for general admission and 40¢ for students.

San Antonio is the home of the professional football team, "The Toros," champions of the Texas Professional Football League in 1967. Civic and business leaders have submitted application for franchise in both the National and American Football Leagues.

Basketball - Trinity University, a member of the Southland Conference, St. Mary's University in the Big State Conference and San Antonio College of the Texas Junior College Conference, offer outstanding basketball schedules. In addition, nearly all high schools play complete schedules.

Picnicking - All parks in the San Antonio area offer excellent picnicking facilities. Many have small grills for barbequing hot dogs, steaks and other meats. The grounds also include swings, rides and other recreational facilities.

#### 8. Cultural Activities

The majority of credit for a well-rounded calendar of musical events belongs to the San Antonio Symphony Society which is the sponsor of:

San Antonio Symphony - An orchestra of ninety full-time professional musicians. Conducted by Victor Allesandro, the orchestra presents weekly concerts from October to March. Over half of the seasons concerts feature soloists of national and international fame.

Grand Opera Festival - Presents four grand operas during the first two weeks of March. Performers are the leading singers of the Metropolitan Opera of New York.

Ballets, individual concert artists, national symphony orchestra concerts, and New York stage plays and musicals are presented throughout the year.

Additional musical organizations are the San Antonio Chamber Music Society which presents four concerts a season by outstanding international chamber music groups, and the Tuesday Musical Club which sponsors four concerts a year, featuring leading soloists of international repute.

The Summer Festival, June, July and August includes:

Fiesta Noche del Rio - Every Tuesday, Thursday, Friday and Saturday evening with a colorful gondola cruise down the San Antonio River from the Casa Rio landing to the Arneson River Theatre for a musical review featuring authentic Mexican singing and dancing troupes.

Fun-tier Nights - Barbershop quartet harmony, the boom of San Antonio's international championship Chordsmen Chorus, Dixieland jazz and comedy combine in an exciting musical smorgasbord of family entertainment on Wednesday evenings in La Villita's atmospheric Juarez Plaza "under the stars" with Western and Mexican food and refreshment at nearby booths.



Drama Festival at the Texas Historic Theatre on the grounds of San Jose Mission where outstanding historical dramas are presented nightly from three to six weeks.

The McNay Art Institute is one of the leading small museums in the nation, having a superb and large permanent collection of Modern French paintings and sponsoring outstanding special exhibitions of painting and sculpture throughout the year. The McNay conducts regularly scheduled and accredited classes in art, and is also the scene of lectures by figures of prominence in the art world, and presentations of "Gallery Three", a group of young actors presenting experimental and avant garde plays.

The City-sponsored Witte Museum in Brackenridge Park is primarily a museum of natural history and of Texana, but also contains a fine art gallery. Classes in painting, sculpture, and ceramics are part of the Witte's educational program.

Other art galleries are the Art Center, the Pan American Galleries and the River Art Group. The latter sponsors the colorful River Art Show held each year on the landscaped walks of the banks of the San Antonio River.

Leading theatre group in the city is the San Antonio Little Theatre, presenting six plays and a musical each season. Other groups present plays on indefinite schedules.

National road show plays and musicals appear locally in one of the downtown theatres and at the Municipal Auditorium. "Los Pastores", a 17th Century Spanish "miracle play", is performed at San Jose Mission at Christmas each year.

Town Hall features an annual series of outstanding lecturers on the arts--music, literature, drama, etc.

The City Parks and Recreation Department sponsors a number of dance, drama and musical programs throughout the year, such as the musical revue, "Happy Holiday", shown at the Sunken Garden Theatre.

One of the most outstanding theatres in the Southwest is the Performing Arts Theatre seating up to 2,800 in Continental arrangement. Production facilities include an orchestra pit for 85 musicians.

Annual recurring events such as the Shrine Circus, Symphony Student Concerts, San Antonio Livestock Exposition and Rodeo, Texas Open and Fiesta San Antonio offer outstanding entertainment to localites and many visitors.

## 9. Historical Attractions

San Antonio is the birthplace of Texas history and one of its most famous attractions is the Alamo - the old Spanish mission-turned-fortress-which is now a shrine of Texas liberty. Four other ancient Spanish missions in the city are: San Jose de Aguayo, La Purisima Conception de Acuna, San Juan Capistrano and San Francisco de la Espada, all built between 1720 and 1731 and all still in use for daily services. San Jose, called the "Queen of Missions", and the largest of the old missions, is a National Historical Site and has partially rebuilt structures with beautifully landscaped gardens and grounds.

Other attractions in San Antonio are the Spanish Royal Governor's Palace, La Villita (the restored Spanish village in the center of the city), San Fernando Cathedral and a number of houses of the colonial period. These are only a few of the interesting and historic structures in San Antonio which, in its entire setting, is today the most distinctive "landmark" of the era of Spanish domination anywhere in the Southwestern states.

10. San Antonio Newspapers

a. Three daily, nine weekly and one legal and other news publication printed Monday through Friday.

b. Daily Circulation:

San Antonio EXPRESS, Morning, Monday through Friday:	81,165
San Antonio NEWS, Evening, Monday through Friday:	62,797
San Antonio EXPRESS & NEWS, Combined Daily:	143,962
San Antonio EXPRESS & NEWS, Morning, Saturday:	109,445
San Antonio EXPRESS & NEWS, Morning, Sunday:	111,657

The above newspapers are published by the Express Publishing Company, Avenue E & Third, San Antonio, Texas.

San Antonio LIGHT, Evening, Monday through Friday:	118,807
San Antonio LIGHT, Morning, Saturday:	110,857
San Antonio LIGHT, Morning, Sunday:	141,175

The above newspaper is published by the Light Publishing Company, 420 Broadway, San Antonio, Texas.

The above circulation data was reported by the Newspaper Publisher's Statement, Chicago, Illinois, as "Total Paid excluding Bulk" for the six months, ending September 30, 1967.

11. Hotels and Motels

Names:	Number of Rooms:
Blue Bonnet Hotel	250
Crockett Hotel	120
Gunter Hotel	550
Hilton's Palacio del Rio	500
Menger Hotel	350
Robert E. Lee Hotel	200
St. Anthony Hotel	500
Travis-Plaza Hotel	200
Travelers	106
La Quinta (3)	390
Downtown Motor Hotels	
Downtowner Motel	81
El Tropicano Motor Hotel	350
Granada Inn	50

Rio Lado	53
Wayfarer Motel	76
Rodeway - Main Avenue	97

Other Motels--A partial list:

Albert Pick (150)	El Antonio (Treadway) (191)	Howard Johnson (90)
Aloha (50)	Elmira (62)	Lake Courts (40)
Casa Linda (36)	El Montan (23)	La Posada (185)
Casa Manana (45)	El Tejas (38)	Lighthouse (29)
Continental Inn (60)	Flamingo (Ramada) (100)	Oak Motor Lodge (17)
Corral (25)	Holiday Inn (3 Inns) (734)	Park Plaza (49)
Ranch (26)	Town and Country (100)	Ramada Inn (201)
Rodeway (2) (40 each)	TV Motel (30)	Western Sun (73)
San Antonio Inn (176)		
Sheraton (191)		
Siesta Motel (60)		
Silver Dollar (25)		

With others under construction and planned.

Complete list of all hotels and motels in San Antonio will be furnished on request.

12. Postal Facilities

Type and frequency of mail delivery service:

Downtown - 6 days - With three first class deliveries a day, Monday through Friday and one on Saturday. An average of one parcel delivery per day, Monday through Saturday.

Residential - 6 days - One delivery of all classes of mail, including parcel post, Monday through Saturday.

Rural - One first class and parcel delivery a day, six days, Monday through Saturday.

Post Office boxes are available in the Main Post Office and the 22 sub-stations conveniently located throughout the city. A number of other contract sub-station are available for mailing purposes.



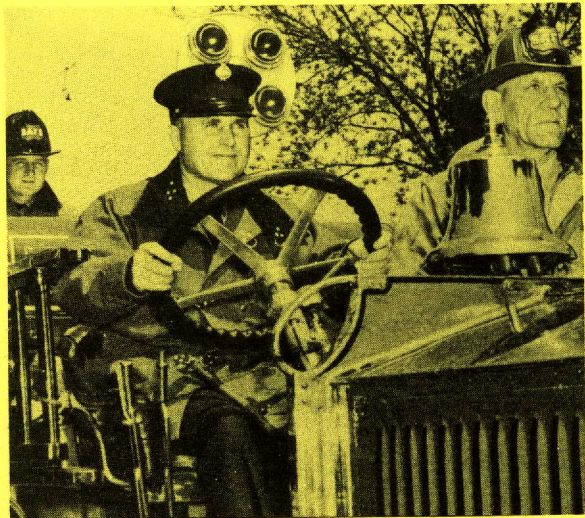
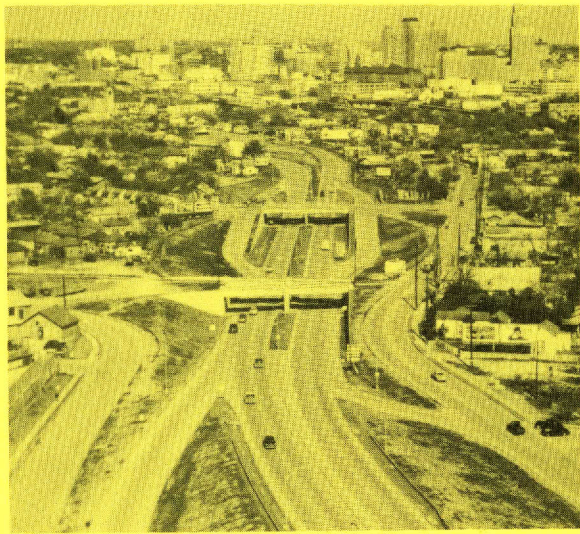


One of the most unique attractions in San Antonio is its Paseo Del Rio. This four mile beautifully landscaped river winds through the downtown section of the city with gondola transportation to numerous eating, entertainment and accommodation establishments.



# Government

- III. GOVERNMENT
  - A. Civic Administration
    - 1. Form of Government
      - a. Fire
      - b. Police
      - c. Judiciary
      - d. Streets and Expressways
      - e. Sewers
      - f. Garbage Disposal
  - B. Industrial Legislation
    - 1. Safety Inspections
    - 2. Planning and Zoning





## A. CIVIC ADMINISTRATION

### 1. Form of Government

The City of San Antonio was incorporated in 1837 and operated under an Aldermanic form of government until 1914 when a change was made to Commission form. A new City Charter, establishing a Council-Manager government, went into effect in January, 1952. Under San Antonio's Council-Manager Charter, the City Manager is directly responsible for all City department heads with the exception of the City Clerk who is appointed by the Council. The Manager prepares the annual budget and submits it for review and approval of the Council.

#### a. Fire

1. Personnel - The San Antonio Fire Department has a current authorization of 552 personnel.
2. Equipment - There are 29 fire stations in San Antonio with 79 pieces of equipment in service and reserve. One new station will be under construction early in 1968.
3. Annual Losses - From 1962 to 1966, total fire losses in San Antonio were \$4,934,883 while premium costs were \$12,589,499.
4. Insurance Class - San Antonio enjoys a key rate of only nine cents (9¢) which along with only one other town, is the lowest in Texas.

San Antonio also enjoys a 10% discount on fire insurance premiums and has maintained a consistently favorable rate.

#### b. Police

1. Personnel - The San Antonio Police Department has a current authorization of 835 officers. The police officers receive four months training.
2. Equipment - The police department has a total of 200 radio cars and trucks and 32 two and three wheel motorcycles.
3. Patrol service on industrial properties - The San Antonio Police Department furnishes patrol service for industrial plants located within the city limits of San Antonio. In addition, plants within the city limits and without may receive plant patrol and security service from a number of private detective organizations located in San Antonio.

#### c. Judiciary

1. The Courts which exist in Bexar County are the 9 Justice of the Peace Courts, 4 County Courts at Law, 9 State District Courts, of which two are criminal, a Court of Civil Appeals and 1 Federal District Court.

d. Streets and Expressways

1. Construction and Maintenance

San Antonio is currently undergoing the most extensive street and highway construction and maintenance program in the history of the city. In 1955, the voters approved a \$3,952,000 bond issue for the purpose of widening and reconstructing major streets in San Antonio.

In 1957, another \$4,629,000 bond issue was approved for this purpose as was another for \$6,800,000 in 1964.

Since 1955, all of the above bonds have been sold and work has been completed in widening and reconstructing 125.24 miles of major streets, 11 bridges and completing three major overpasses and one underpass. In addition, 26.40 miles were paved under a citizen participation program whereby the property owner paid 2/3 of the cost and the City paid the other 1/3. Another 1,795 miles of streets have been improved from bond and budgeted funds.

Work has been completed on Hudnell Dr., the Kelly Access Road, work is well along on Interstate Highway 10 and Interstate Highway 37 and U. S. Highway 90 West Expressway. It is hoped construction on U. S. 281 North Expressway will begin in the near future.

In the meantime, the Texas Highway Department is building an expressway system in San Antonio, which, when completed, will be one of the finest in the nation.

Since 1947, they have completed and opened to traffic 134 miles of expressway at a total cost of over 87.5 million dollars.

16.7 miles of expressway are under construction at an additional cost of over 17 million dollars.

2. Street Cleaning

In 1966, San Antonio was named the "Cleanest City in America" of all cities of all population classes by the National Clean-Up, Paint-Up, Fix-Up Bureau. This award is the 18th consecutive award for San Antonio in 16 years of participation in the contest.

Streets in San Antonio are cleaned by the Street Division of the City Public Works Department which maintains a continuous day and night operation.

e. Sewers

The sanitary sewer system is managed by the City of San Antonio. The main treatment plant has a capacity of 92 million gallons per day. One additional treatment plant with a current capacity of 12 MGD was opened in 1965. A third plant which will increase the treatment capacity by another 12 million gallons per day, is expected to be under construction in 1967.

Presently there are 1,820 miles of sanitary sewers within the city.



## CITY SEWER SERVICE RATE

## Inside City Limits

The sewer service charge is computed from the water usage schedule below.

RESIDENTIAL RATE		COMMERCIAL RATE	
First	500 Cu. Ft. - Minimum charge \$0.50	First	500 Cu. Ft. - Minimum Charge \$0.60
Next	500 Cu. Ft. @ \$0.06 per 100 Cu. Ft.	Next	500 Cu. Ft. @ \$0.06 per 100 Cu. Ft.
Next	500 Cu. Ft. @ 0.03 per 100 Cu. Ft.	Next	24,000 Cu. Ft. @ 0.04 per 100 Cu. Ft.
Next	2,000 Cu. Ft. @ 0.01 per 100 Cu. Ft.	Next	25,000 Cu. Ft. @ 0.03 per 100 Cu. Ft.
Maximum	1.15	Next	50,000 Cu. Ft. @ 0.02 per 100 Cu. Ft.
		Over	100,000 Cu. Ft. @ 0.01 per 100 Cu. Ft.

Treated effluent, totaling over 108 million gallons per day is suitable for many types of industrial processing and is available to interested industries.

f. Garbage Disposal

The Garbage Department of the City of San Antonio has 126 tanker-type trucks and 333 personnel collecting residential garbage with daily downtown collection. In addition, 33 trucks and chippers plus crew collect combustible garbage, such as rubble and brush, the year around on a scheduled basis.

B. INDUSTRIAL LEGISLATION

1. Safety Inspections

San Antonio has a complete system of safety inspections to insure that one industry will not suffer from the unsafe practices of another and to assure San Antonio workers a safe place in which to work.

These various codes were designed to conform to a variety of types of industrial buildings and for industries engaged in various types of manufacturing.

a. San Antonio has up-to-date building, electrical, plumbing, heating and airconditioning, fire and minimum housing codes. These codes, in general, are patterned after accepted national codes.

b. Fire Department

(1) Boiler Inspection - The Code governing the installation of boilers in San Antonio is patterned after the code suggested by the National Board of Fire Underwriters.

c. Health Department

(1) Food Inspection - The City Health Department must inspect and approve all restaurants and cafeterias in industrial installations. This is done in accordance with the U. S. Public Health Service Eating and Drinking Code.

(2) Industrial Plant Environmental Surveys - On request of the industry, the State Health Department engineers will make a complete industrial environment survey of the plant. This includes making tests on lighting, safety, air sample tests, etc.



## 2. Planning and Zoning

The City Planning and Zoning Commission prepares, recommends for adoption by City Council, and revises when necessary, all components of a comprehensive plan for San Antonio.

The Planning and Zoning Commission, under the modern subdivision ordinance, has approval authority for subdivision plats of all land within the City of San Antonio and extending five miles beyond the city limits of San Antonio excepting other incorporated municipalities. All improvements are inspected before acceptance by the city.

San Antonio's modern zoning ordinance covers all areas within the city limits of San Antonio.

San Antonio continues to maintain its reputation as the best lighted city in America.

An inventory of non-residential street lighting installations just completed by the Traffic and Transportation Department reveals there are 461.8 miles of continuously lighted roadway in the city.

In the downtown area, there are 23.2 miles of lighted streets, 333.5 miles of lighted streets outside the downtown area and 39.7 miles of lighted expressways.



# Taxes

## IV. TAXES

- A. State
- B. County
- C. City
  - 1. Incorporated Cities within San Antonio
  - 2. City of San Antonio
  - 3. Statement of Annual Income and Expenditures for City
  - 4. City Indebtedness
- D. School Taxes
  - 1. Independent
  - 2. Independent School Districts located on Military Reservations

**NO State Income Tax**

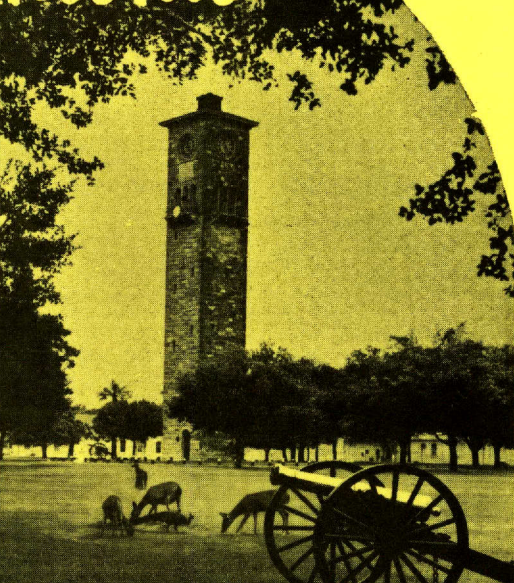
**NO Corporation Income Tax**



only in  
*San Antonio*



... can you visit a  
**Spanish King's Church**



... can you visit  
**Geronimo's prison**



... can you stand where  
**Davy Crockett fell**



... can you dine  
**outdoors all year**



Taxes in San Antonio and in Texas offer a greater than average saving to industry thus freeing valuable capital for plant operation and plant expansion.

State Tax Collections in 1967, published by the U. S. Department of Commerce, Bureau of the Census, reported the per capita amount of all state tax revenue collected was \$161.92 for all states, and \$122.86 for Texas.

Following is a summary of various state taxes which affect industry:

A. State Taxes - For detailed information, contact the Comptroller of Public Accounts, Austin, Texas.

1. Personal Income Tax - None
2. Corporate Income Tax - None
3. Limited Sales Tax - 2% exemptions include food and prescriptions.
4. General Property Tax - A general property tax of 47¢ per \$100 assessed valuation is levied annually. In theory, state taxes are assessed on the basis of 100% of 1940 values; however, in practice, property is assessed at approximately 25% Present Market Value.
5. Unemployment Tax - Ranges between the maximum of 2.7% and minimum of 1/10 of 1% on wages not exceeding \$3,000 per employee per year. More detailed information can be obtained from the local office of the Texas Employment Commission, Tax Department.
6. Store Tax - Pro-rated according to the date of the opening of the store:

<u>Number of Stores</u>	<u>Rate Each Store</u>
1 Store	\$ 5.00
2 Stores	\$ 10.00
3- 5 Stores	\$ 28.00
6-10 Stores	\$ 56.00
11-20 Stores, Inc.	\$166.00
21-35 Stores, Inc.	\$276.00
36-50 Stores, Inc.	\$551.00
51 & over Stores, Inc.	\$826.00

7. Store Exemption License:

First Store	\$ 5.00
Second Store & Over, each	\$10.00

A store exemption license is required of the following kinds of businesses: Petroleum bulk stations, service stations, building material establishments, public utilities, repair garages, restaurants, oil and gas well suppliers and equipment dealers, dairy (retail and wholesale), distributing points (retail and wholesale), ice stations (retail and wholesale), and the text book publishers.

Religious book stores, non-profit, religious or charitable stores, and mercantile stores owned or operated by religious or charitable organizations are exempt from the Tax and the Store Exemption License.

8. Franchise Tax - A franchise tax on corporations domestic and foreign to Texas of \$2.25 per \$1,000 of taxable invested, earned and borrowed capital is applicable. Minimum tax per year is \$25.00. Additional information available from State Comptroller of Public Accounts, San Antonio Regional Office.

The amount of tax collected is in that proportion which the amount of business done in Texas bears to the entire amount of business transacted.

## 9. Motor Vehicle License Tax:

<u>Passenger Cars</u>		<u>House Trailer or Semi-Trailer (pneumatic tires)</u>	
<u>Weight (lbs)</u>	<u>Fee</u>	<u>Weight</u>	<u>Rate</u>
1 - 3500	\$12.30	101 - 8,000 lbs.	33.0¢/100 lbs.
3501 - 4500	\$22.30	8,001 - 10,000 lbs.	55.0¢/100 lbs.
4501 - 6000	\$30.30	10,001 - 17,000 lbs.	66.0¢/100 lbs.
Motorcycle	\$ 5.30	17,001 and up	71.5¢/100 lbs.

Calculate applicable rate from weight of vehicle and add 30¢ for total fee.

<u>Truck &amp; Truck Tractor and Motor Bus (pneumatic tires)</u>	
<u>Weight</u>	<u>Rate</u>
901 - 6,000 lbs.	44.0¢/100 lbs.
6,001 - 8,000 lbs.	49.5¢/100 lbs.
8,001 - 10,000 lbs.	60.5¢/100 lbs.
10,001 - 17,000 lbs.	71.5¢/100 lbs.
17,001 - 24,000 lbs.	77.0¢/100 lbs.
24,001 - 31,000 lbs.	88.0¢/100 lbs.
31,001 and up	99.0¢/100 lbs.

Calculate applicable rate from weight of vehicle and add 30¢ for total cost.

## 10. Motor Fuel Tax

Gasoline	-	5¢ per gallon
Butane	-	5¢ per gallon when used for motor vehicles on highways. A refund can be obtained with six-months non-highway use.
Diesel Fuel	-	6-1/2¢ per gallon when used in motor vehicles on highways. Vehicles operating under User-Importer permit returning to Texas from interstate haul must pay tax on all fuel imported and/or used in Texas in the fuel supply tank. A report must be made on total mileage traveled.

## 11. Texas Driver's License\*

Every resident of Texas who drives a motor vehicle must have a Texas Operator's License unless he has a valid commercial operator's or chauffeur's license.

<u>Kind</u>	<u>Fee</u>	<u>Expiration</u>
Operator's	\$3.00	2 years from date of issuance
Commercial Operator's	\$4.50	1 year from date of issuance
Chauffeur's	\$6.00	1 year from date of issuance

Persons who do not need a Texas Driver's license:

- The driver of an official motor vehicle in the service of the United States.
- Drivers of road machinery, farm tractors, or other farm machinery, operated temporarily on the highways.
- Residents of other states who are at least 16 years of age and who hold a valid license in their home state may drive in Texas as an operator only.
- Non-residents who are at least 18 years of age may drive any vehicle in this state provided they are legally licensed to drive such vehicle in their home state or country grants like recognition to citizens of Texas.

\* From "Texas Driver's Handbook", Texas Department of Public Safety, Driver's License Division.

For additional information on Texas driver's license requirements, contact the Driver's License Division, Texas Department of Public Safety, 4411 Babcock Road or 3815 South Gevers, San Antonio, Texas.

## 12. Voting

In order to become a qualified voter in Texas, a person must be a citizen, 21 years old or older, lived in Texas one year and in the county six months of that year prior to the next election.

One may register with the County Tax Assessor-Collector in the county at the County Court-house or with special registration deputies. Annual registration begins on October 1 and continues through January 31. Contact the County Tax Assessor-Collector for any further information.

13. Road and Flood Tax - An annual tax for state road and flood repair is levied at the rate of \$.30 per \$100 assessed valuation. The assessment is at the rate of 25% of present market value.
14. Homestead Exemption Provisions - Upon application, a resident of Texas is granted a homestead exemption up to \$3,000 on his state personal real property tax and state road and flood tax. The reduction of \$3,000 is made to the assessed valuation of the property.

B. County Taxes - The assessment of all county taxes is the same as the state assessment, 25% of present market value.

1. Property Tax Rate - \$0.76 per \$100 assessed value.
2. Hospital District Tax - \$0.73 per \$100 assessed value.\*
3. Junior College - \$0.25 per \$100 assessed value.
4. County Road District - The four road districts' boundaries are the same as the County Commissioners' precincts and are taxed as follows:

County Road District #1	\$0.22 per \$100 assessed value
County Road District #2	\$0.10 per \$100 assessed value
County Road District #3	\$0.12 per \$100 assessed value
County Road District #4	\$0.16 per \$100 assessed value

Only one County Road District Tax would apply

\* Assessed at 50% Present Market Value.

## C. City Taxes

1. Incorporated cities within San Antonio

City of Alamo Heights - The tax of the City of Alamo Heights is \$2.10 per \$100 assessed valuation. The theoretical basis of assessment is 1/2 of the 1941-1942 building costs. In practice, this is assumed to be about 25% of present market value.

City of Balcones Heights - The tax rate for the City of Balcones Heights is \$1.30 per \$100 assessed valuation. Basis of assessment is the same as the County, or 25% of present market value.

City of Castle Hills - The City of Castle Hills levies a tax of \$0.60 per \$100 assessed value. The tax is collected through the Northeast Independent School District and in practice, property is assessed at 48% of present market value.

City of Olmos Park - The present tax rate for the City of Olmos Park is \$1.38 per \$100 assessed valuation. Property is assessed at 38% of present market value.

City of Terrell Hills - The City of Terrell Hills tax rate is \$1.30 per \$100 assessed valuation with an assessment of value of about 38% of present market value.

## 2. City of San Antonio

Tax Rate - The City of San Antonio levies a general property tax of \$1.97 per \$100 assessed valuation. A recent survey indicates that in practice, property is assessed at approximately 45% of present market value.

## 3. Statement of Annual Income and Expenditures for the City of San Antonio:

<u>Fiscal Year</u>	<u>Income</u>	<u>Expenditures</u>
1953-54	\$15,596,515	\$15,265,191
1954-55	24,558,890	18,004,983
1955-56	24,607,046	23,641,366
1956-57	26,042,862	28,477,169
1957-58	32,090,460	28,845,877
1958-59	39,310,479	38,450,011
1959-60	32,481,624	31,677,302
1960-61	38,307,488	35,421,896
1961-62	42,598,824	38,047,809
1962-63	38,057,091	38,711,691
1963-64	39,770,236	41,191,032
1964-65	43,154,159	39,703,544
1965-66	58,324,714	51,768,272
1966-67	60,806,042	60,246,584

## 4. City Indebtedness:

Debt Trend Statement

<u>Fiscal Year Ended</u>	<u>Assessed Valuation</u>	<u>General Obligation Debt</u>	<u>Net Debt</u>	<u>Ratio *</u>
1947	\$241,119,750	\$16,107,500	\$14,407,500	5.98%
1948	375,411,360	21,179,000	19,009,700	5.06%
1949	387,348,930	19,930,500	17,724,941	4.58%
1950	415,249,350	22,531,500	19,810,777	4.77%
1951	446,935,030	21,078,500	18,081,371	4.05%
1952	492,144,840	19,589,000	17,011,160	3.46%
1953	514,899,220	18,133,000	15,887,392	3.09%
1954	655,812,720	16,685,000	14,405,461	2.20%
1955	657,115,710	21,278,500	18,819,930	2.86%
1956	694,663,580	24,888,500	22,044,292	3.17%
1957	737,201,505	28,119,000	24,575,926	3.33%
1958	767,873,230	33,885,000	29,496,841	3.84%
1959	793,136,870	42,059,500	37,596,374	4.74%
1960	823,801,240	46,050,500	41,515,108	5.04%
1961	864,613,850	46,428,000	41,854,098	4.84%
1962	902,935,750	50,298,500	45,220,584	5.01%
1963	931,891,470	50,299,500	45,019,796	4.83%
1964	962,482,830	51,457,000	45,492,319	4.73%
1965	1,003,675,350	62,646,000	59,200,661	5.90%
1966	1,046,158,360	58,548,000	51,662,081	4.94%
1967	1,093,427,200	69,680,000**	66,804,265**	6.11%

\* The charter limit on the ratio of bonded debt to assessed valuation is 10%.

\*\* Includes debt as of May 31, 1967, plus \$4,500,000 offered for sale August 24, 1967.



Fiscal Year Ended	Population	Per Capita Debt		
		General Obligation Debt	Net Debt	Per Capita
1930	231,542	\$18,720,000	\$16,538,655	\$71.43
1940	253,854	14,120,000	12,639,895	49.79
1950	408,442	22,531,500	19,810,777	48.50
1956	522,000	24,888,500	22,044,292	42.23
1957	542,900	28,119,000	24,575,926	45.27
1958	562,591	33,885,000	29,496,841	52.43
1959	584,862	42,059,500	37,596,374	64.28
1960	587,718	46,050,500	41,515,108	70.64
1961	618,542	46,428,000	41,854,098	67.67
1962	629,578	50,298,500	45,220,584	71.83
1963	647,509	50,299,500	45,019,696	69.53
1964	665,406	51,457,000	45,492,319	68.37
1965	683,085	47,646,000	41,697,018	61.04
1966	701,262	58,548,000	51,662,081	73.67
1967	716,202	69,680,000	66,804,265	93.28

The City also has a comprehensive 5-year Capital Improvement Program which tentatively calls for \$81,377,853 in improvements over this period. However, it is felt that the sound fiscal programming of the City will permit this additional indebtedness with a minimum change in the present tax rate.

D. School Taxes - There are several school districts in and adjacent to San Antonio in which an industry might be located or in which employees of the organization might reside. Tax rates and the basis of assessment of each of these districts are as follows:

1. Independent School Districts:

- a. San Antonio ISD: Rate \$1.43 per \$100 assessed valuation. Basis of assessment is approximately 50% of present market value.
- b. Alamo Heights ISD: Rate, \$1.40 per \$100 assessed valuation. Basis of assessment is 48.52% of fair market value.
- c. East Central ISD: Rate, \$1.50 per \$100 assessed valuation. Basis of assessment is 70% of fair market value.
- d. Edgewood ISD: Rate \$1.19 per \$100 assessed valuation. In practice, property is assessed at approximately 50% of present market value.
- e. Harlandale ISD: Rate, \$1.43 per \$100 assessed valuation. In practice, property is assessed at 60% of present market value.
- f. Judson ISD: Rate, \$.80 per \$100 assessed valuation. Basis of assessment is 70% of market value.
- g. North East ISD: Rate, \$1.45 per \$100 assessed valuation. In practice, property is assessed at approximately 50% of real value.
- h. Northside ISD: Rate, \$1.20 per \$100 assessed valuation. In practice, property is assessed at approximately 60% of present market value.
- i. Somerset ISD: Rate, \$1.00 per \$100 assessed valuation. Basis of assessment is 60% of present market value.



- j. South San Antonio ISD: Rate, \$1.40 per \$100 assessed valuation. The basis of assessment is at 70% of actual value.
  - k. Southside ISD: Rate, \$1.28 per \$100 assessed valuation. Basis of assessment is 70% of assessed value.
  - l. Southwest ISD: Rate, \$1.00 per \$100 assessed valuation. Basis of assessment is approximately 80% of appraised value.
2. Independent School Districts located on military reservations:
- a. Fort Sam Houston ISD: No tax.
  - b. Lackland ISD: No tax.
  - c. Randolph ISD: No tax.



You can serve a prosperous, growing market of 2¼ million people in San Antonio's Primary Trade Area consisting of fifty surrounding counties.

SAN ANTONIO'S FIFTY COUNTY RETAIL TRADE TERRITORY

WITH A TOTAL POPULATION OF (12-31-66)	2,344,700
WITH A TOTAL NUMBER OF HOUSEHOLDS OF (12-31-66)	624,400
WITH RETAIL SALES OF (1966)	\$2,829,085,000.
WITH TOTAL NET EFFECTIVE BUYING INCOME OF (1966)	\$4,060,702,000.

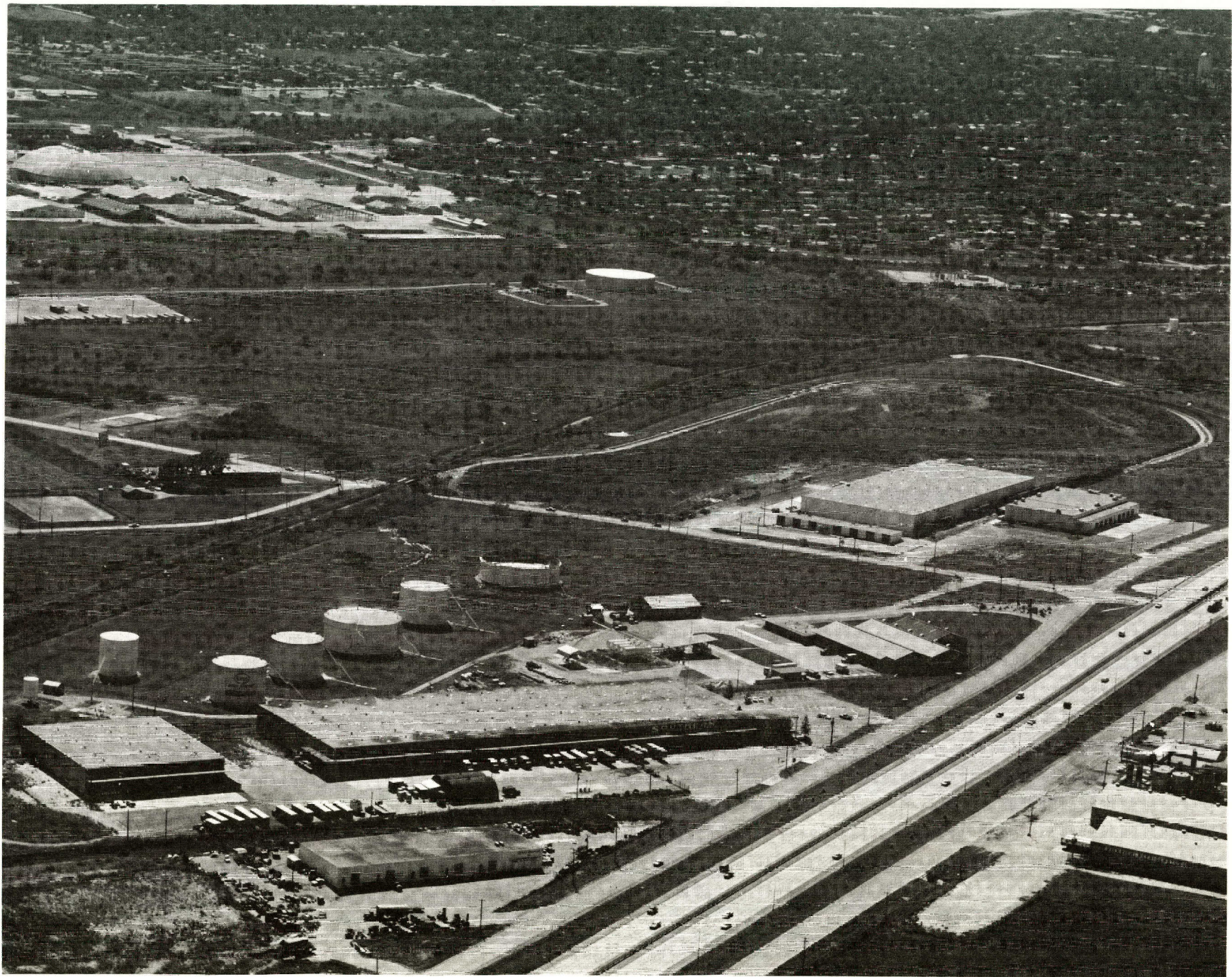
IS LARGER THAN EACH OF THE FOLLOWING STATES

ALASKA	NEVADA
ARIZONA	NEW HAMPSHIRE
ARKANSAS	NEW MEXICO
DELAWARE	NORTH DAKOTA
HAWAII	RHODE ISLAND
IDAHO	SOUTH DAKOTA
MAINE	UTAH
MISSISSIPPI	VERMONT
MONTANA	WEST VIRGINIA
NEBRASKA	WYOMING

ALSO, THIS 50 COUNTY TERRITORY REPRESENTS 21.5% of the total population of Texas; 19.6% of Texas' households; 18.0% of Texas' retail sales and 17.2% of the state's total net effective buying income.

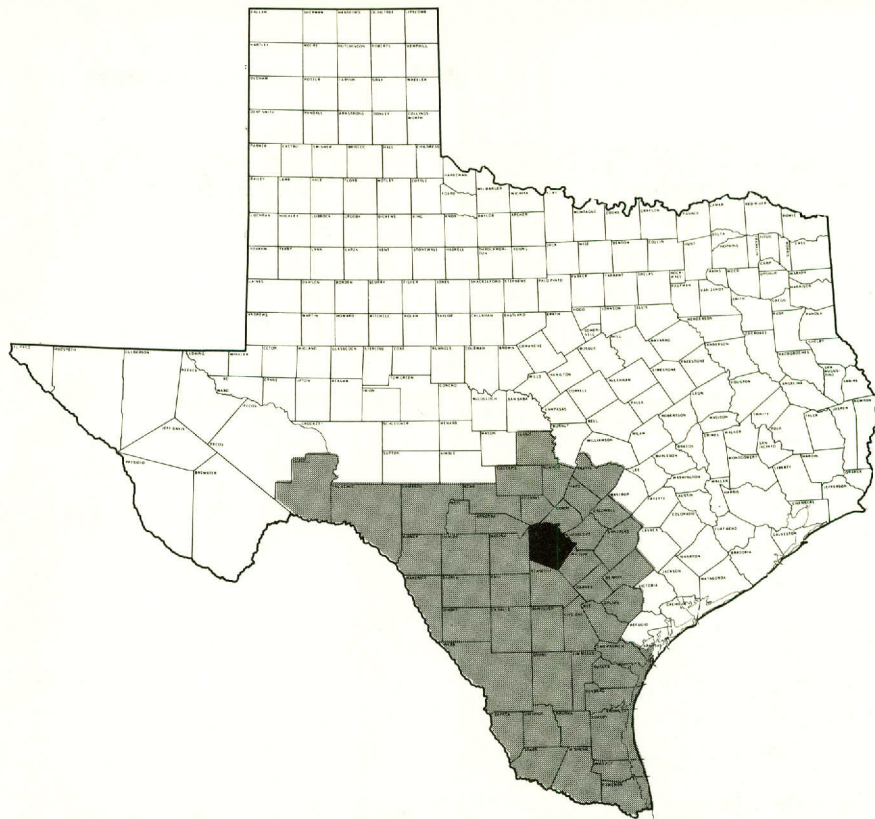
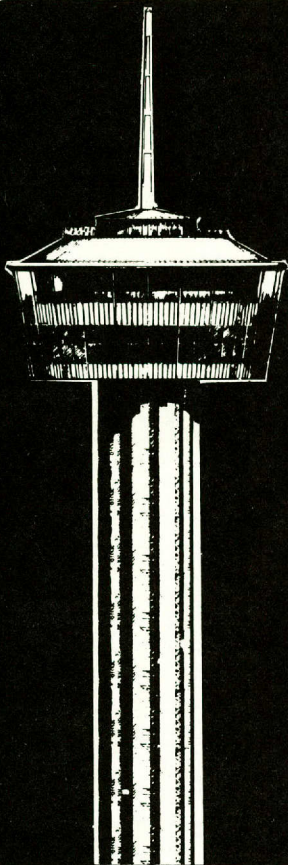
SOURCE: All data above compiled from Sales Management Magazine, Survey of Buying Power, June 10, 1967.





One of only fifteen developing industrial districts located throughout the city offering access to San Antonio's extensive expressway system.





# SAN ANTONIO

**NUCLEUS OF A MIGHTY MARKET—  
OVER 2¼ BILLION DOLLARS  
IN RETAIL SALES...**

## **HEMISFAIR '68®...**

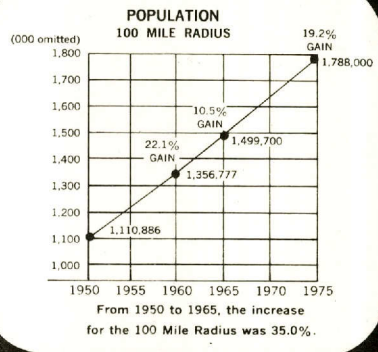
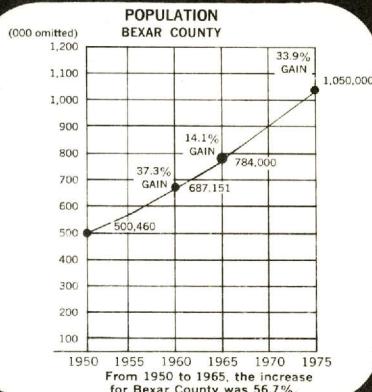
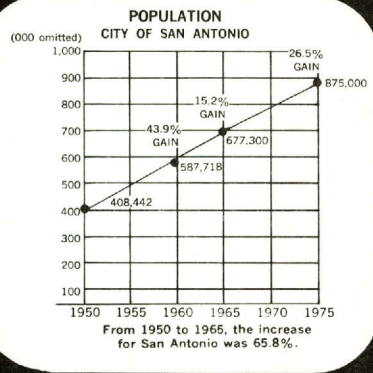
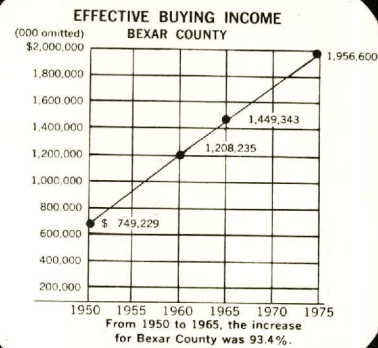
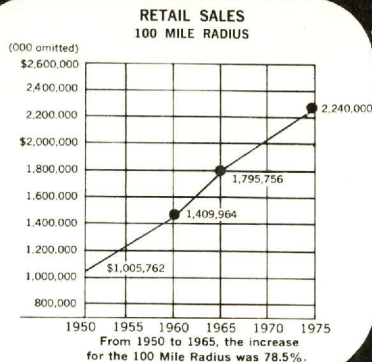
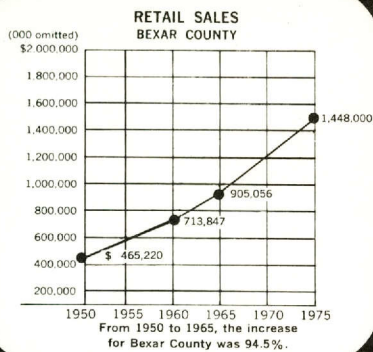
April 6 to October 6, 1968, is the first "Fair of the Americas". It will draw more than 7 million visitors from all parts of the world, and will be a showcase for Texas for years to come.

The power-index of a market is determined by its retail sales performance. The San Antonio fifty county retail trade territory is pressing forward daily, and now has a net effective buying income of 3½ billion dollars, 2¼ million population, 598,000 households, and \$2,400,000,000 retail sales. It is larger than each of the following states:

Alaska	Idaho	New Hampshire	Utah
Arizona	Maine	New Mexico	Vermont
Arkansas	Montana	North Dakota	West Virginia
Delaware	Nebraska	Rhode Island	Wyoming
Hawaii	Nevada	South Dakota	

Whatever your distribution plans, whether San Antonio's Primary Retail Trade Territory, other markets of the Southwest, national or international markets ... a San Antonio plant will enjoy the most favorable position possible between the Atlantic and Pacific Seaboards ... with the markets of Mexico and South America right at your doorstep.





# SAN ANTONIO

**A COMMERCIAL AND INDUSTRIAL  
COMPLEX WITH AN EFFECTIVE  
BUYING INCOME OF \$3½ BILLION.**

You can serve a prosperous, growing market of 2¼ million people in San Antonio's Primary Trade Area consisting of fifty surrounding counties . . . a market with an effective buying income in excess of 3½ billion dollars. When you consider dynamic San Antonio as a location for your new plant, you will be investigating labor, site availability, tax structure, educa-

tional, cultural and recreational facilities . . . and living conditions. You will be pleased with what you discover. You will emerge with the realization that San Antonio is located in the heart of the rapidly expanding Southwest and is among the choicest of sites for warehousing and distributing, as well as manufacturing.

# Market

## V. MARKET

- A. Primary Retail Market
- B. Primary Manufacturers and Wholesalers Market
- C. International Market
- D. Other Economic Facts on San Antonio
- E. Projected Population for Metro San Antonio Area

**2.3 MILLION  
PEOPLE**  
in  
San Antonio's  
Primary Trade  
Area

**\$2.8 BILLION  
DOLLAR SALES**  
in  
San Antonio's  
Primary Trade  
Area

# THE SOUTHWEST





### A. PRIMARY RETAIL MARKET

Surveys indicate that there are 50 counties comprising San Antonio's Primary Retail Market. Figures for December, 1966, set the population of this 50 county area at 2,344,700 representing 21.5% of the entire state.

### B. PRIMARY MANUFACTURERS AND WHOLESALERS MARKET

A number of San Antonio's manufacturing plants have found that the city's location midway between the Atlantic and Pacific seaboards makes it ideal for them to distribute their products to a national market.

Others have found San Antonio's location favorable to serving the markets of the Southwest.

The trade territory served by manufacturers and wholesalers will vary from one company to another depending on such factors as the type of product and the method of distribution employed. Companies considering a San Antonio location will find that their trade territories in most cases will approximate one of the following areas:

#### POPULATION

\*\*

	<u>1950</u>	<u>1960</u>	<u>1966</u>	<u>% Change 1950-1966</u>
Bexar County	500,460	687,151	803,500	+60.6
100 Mile Radius	1,110,886	1,347,193	1,546,400	+39.2
250 Mile Radius	5,305,370	6,743,577	7,818,100	+47.4
Texas	7,711,194	9,706,600	10,898,500	+41.3
*Southwest	15,218,759	17,902,278	19,959,800	+31.2
United States	150,697,361	179,323,175	197,207,800	+30.9

#### EFFECTIVE BUYING INCOME (000)

\*\*\*

Bexar County	\$ 749,229	\$ 1,208,235	\$ 1,570,591	+109.6
100 Mile Radius	1,400,383	2,195,784	2,885,784	+106.1
250 Mile Radius	7,005,101	11,959,472	17,102,265	+144.1
Texas	9,701,851	16,888,189	23,659,625	+143.9
*Southwest	16,870,402	29,501,025	41,764,105	+147.6
United States	191,683,662	358,100,646	501,527,180	+161.6

#### RETAIL SALES (000)

\*\*\*

Bexar County	\$ 465,220	\$ 713,847	\$ 992,074	+113.2
100 Mile Radius	1,005,762	1,409,964	1,966,375	+ 95.5
250 Mile Radius	5,268,176	8,011,768	11,086,234	+110.4
Texas	7,616,428	11,507,575	15,720,648	+106.4
*Southwest	13,005,289	19,959,888	27,161,119	+108.8
United States	128,117,785	219,830,843	301,526,015	+135.4

## WHOLESALE SALES (000)

\*\*\*\*

Bexar County	<u>1948</u>	<u>1958</u>	<u>1963</u>	<u>% Change 1948-1963</u>
Bexar County	\$ 481,998	\$ 773,909	\$ 773,909	60.6
100 Mile Radius	719,274	1,215,020	1,300,299	80.8
Texas	8,291,342	14,389,524	18,305,230	120.8
*Southwest	13,400,350	22,910,620	28,693,879	114.1

\*Includes Arkansas, Louisiana, Texas, Oklahoma and New Mexico.

\*\*U. S. Bureau of the Census, 1950 and 1960, and Sales Management, Survey of Buying Power, June 10, 1967.

\*\*\*Sales Management, Survey of Buying Power, June 10, 1967.

\*\*\*\*U. S. Census of Business, Wholesale Trade, 1948, 1958, 1963.

## C. INTERNATIONAL MARKET

San Antonio is at a natural advantage as a focal point for trade with Mexico and Latin America. A vast amount of trade South of the Border clears through the San Antonio customs district because of the city's proximity to the Southern Hemisphere.

Exports to Mexico alone from the United States totaled \$1,076,217,000 in 1964; up \$218,185,000 since 1963, this largely being spent in the market of capital goods such as heavy machinery, pipe, railroad equipment, farm machinery and other items which are most needed to help Mexico grow and become a still larger market for American goods. United States exports to Central American countries amounted to another \$446,312,000 in 1964.

For generations, Mexico has looked to San Antonio as a trade center and primary source of outside supply. Currently the garment and metal products industries of the city lead in exports.

In addition to the large variety of San Antonio manufacturers selling to Mexico, the city has earned a spot as one of the leading distributors for goods manufactured elsewhere in the United States and purchased by Mexico. Many buyers from Mexico make periodic trips to San Antonio to purchase their American goods.

Although Mexico is the principal country with which San Antonio merchants and manufacturers carry on an import-export business, active trade is also carried on with nearly all South American countries. Further advantages for this Latin American trade lie in the direct highway, rail and airline links to Mexico and Central America. Here is truly a great industrial frontier.

## D. OTHER ECONOMIC FACTORS ON SAN ANTONIO

	<u>1930</u>	<u>1940</u>	<u>1950</u>	<u>1960</u>	<u>1965</u>	<u>1967</u>
Bank Clearings (Millions)	\$ 799	\$ 906	\$ 4,353	\$ 7,466	\$ 10,471	\$ 11,650
Bank Debits** (Millions)	964	887	3,839	7,220	11,548	13,167
Electric Meters (Thous.)	59	75	133	191	212.6	222.6
Consumpt. Electricity (Millions KWH)	189	205	599	1,886	2,642	3,297
Gas Meters (Thous.)	48	60	104	166	185	193.6
Consumpt. of Gas (Mil. Cu. Ft.)	4,268	5,368	13,034	24,919	23,461	24,682

Water Meters (Thous.)	52	53	85	126	136.8	141.6
Telephones (Thous.)	46	56	133	219	289.5	335.9
Postal Receipts (Thous.)	\$ 1,447	\$ 1,620	\$ 4,609	\$ 8,866	\$ 12,307	\$ 13,704
Air Mail Orig. (Thous. Lbs.)	*	97	460	2,098	3,792	7,621
Railway Express (Thous. Shipmts.)	*	675.8	501.5	390.3	313.9	268,864
Air Express (Thous. Shipmts.)	*	7.2	33.7	34.2	49.3	60,405
Build. Permits Value (Thous.)	\$8,471	\$9,341	\$57,062	\$59,449	\$72,912	\$115,360
Total Build. Contract Awards (Thous.)	\$ *	\$17,296	\$86,816	\$109,879	\$148,574	\$180,872
Residence Contract Awards (Thous.)	\$ *	\$11,584	\$62,121	\$ 48,754	\$ 52,686	\$ 74,917

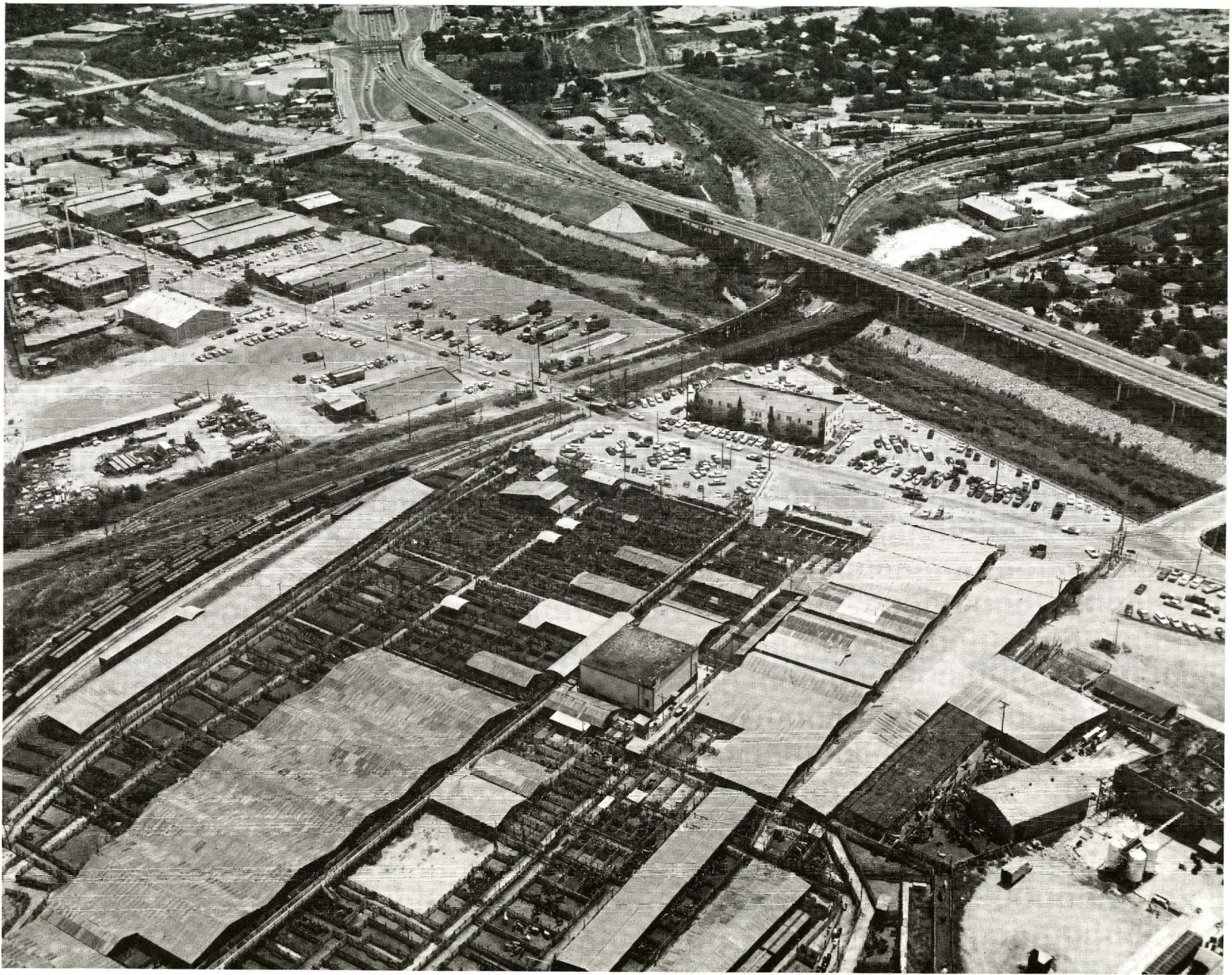
\*Not Available

\*\*Annual Rate Basis beginning in 1965

E. PROJECTED POPULATION FOR METRO SAN ANTONIO AREA

<u>YEAR</u>	<u>POPULATION</u>	<u>HOUSEHOLDS</u>
1970	939,600	250,600
1975	1,103,000	294,900
1980	1,275,000	341,800
1985	1,476,300	396,900
1990	1,729,600	464,900





San Antonio continues as a major distribution center for the cattle and packing industry of Texas, as exemplified by the aerial view of the Union Stockyards.



# Finance

## VI. FINANCE

- A. Banks
  - 1. Total Assets
  - 2. Total Deposits
  - 3. Total Capital Accounts
- B. Savings and Loan Associations and Trust Companies







## A. BANKS

Banks in San Antonio are industry minded and have contributed appreciably to the industrial progress of the community. Several San Antonio banks have retained competent industrial development personnel within their organizations to assist existing industry and to help new industry become profitably situated in San Antonio.

In addition to the Federal Reserve Bank Branch and the D & A Oppenheimer Bankers, a private bank, there are twenty-nine commercial banks located in Bexar County, they and their most recent deposits are listed below:

<u>National Charter</u>	<u>Deposits December 30 , 1967</u>	<u>State Charter</u>	<u>Deposits December 30 , 1967</u>
Alamo National Bank	\$143,252,375.25	American State Bank	\$ 6,376,856.24
Bexar County National Bank	52,958,005.85	Harlandale State Bank	12,276,432.33
Broadway National Bank	38,368,571.24	Highland Park State Bank	31,150,669.60
Brooks Field National Bank	13,256,399.63	Jefferson State Bank	15,684,795.63
Citizens National Bank of San Antonio	9,919,940.73	Main Bank & Trust	51,888,155.32
First National Bank of San Antonio	28,670,222.11	Mercantile Bank & Trust	10,784,877.99
Frost National Bank	313,395,569.88	Mission City Bank	7,361,084.44
Groos National Bank	57,983,481.64	Northside State Bank	9,621,186.18
Kelly Field National Bank	21,340,940.14	San Antonio Loan & Trust Company *	
Lackland National Bank	2,971,309.29	Texas State Bank	4,982,337.34
National Bank of Commerce of San Antonio	221,100,453.99	Union State Bank	12,615,062.61
National Bank of Fort Sam Houston	64,250,329.40	West Side State Bank	9,313,626.62
Northeast National Bank	2,927,008.14		
Pan American National Bank	5,551,348.26		
Randolph Field National Bank	6,682,774.25		
Security National Bank	5,255,672.81		
Valley-Hi National Bank	3,990,105.45		

\* Operates primarily as a trust company.

Total deposits: As of December 30, 1967; \$1,163,956,592.36, up 12% from December, 1966.

## B. SAVINGS AND LOAN ASSOCIATIONS AND TRUST COMPANIES

Besides the savings and trust departments in the various commercial banks, there are a number of financial institutions specializing in these particular services.

Savings and Loan Associations

Alamo Savings & Loan Association  
Bexar County Savongs Association  
First Federal Savings & Loan  
Association of San Antonio  
Guaranty Federal Savings & Loan  
Association  
Main Savings Association  
San Antonio Savings Association  
Texas Savings & Loan Association  
Travis Savings & Loan Association

Trust Companies

San Antonio Loan & Trust Company \*  
Security Title & Trust Company  
Standard Trust Company  
Texas Trust Company  
Trust Company of America, The

\* Also has a state charter to operate as a commercial bank.





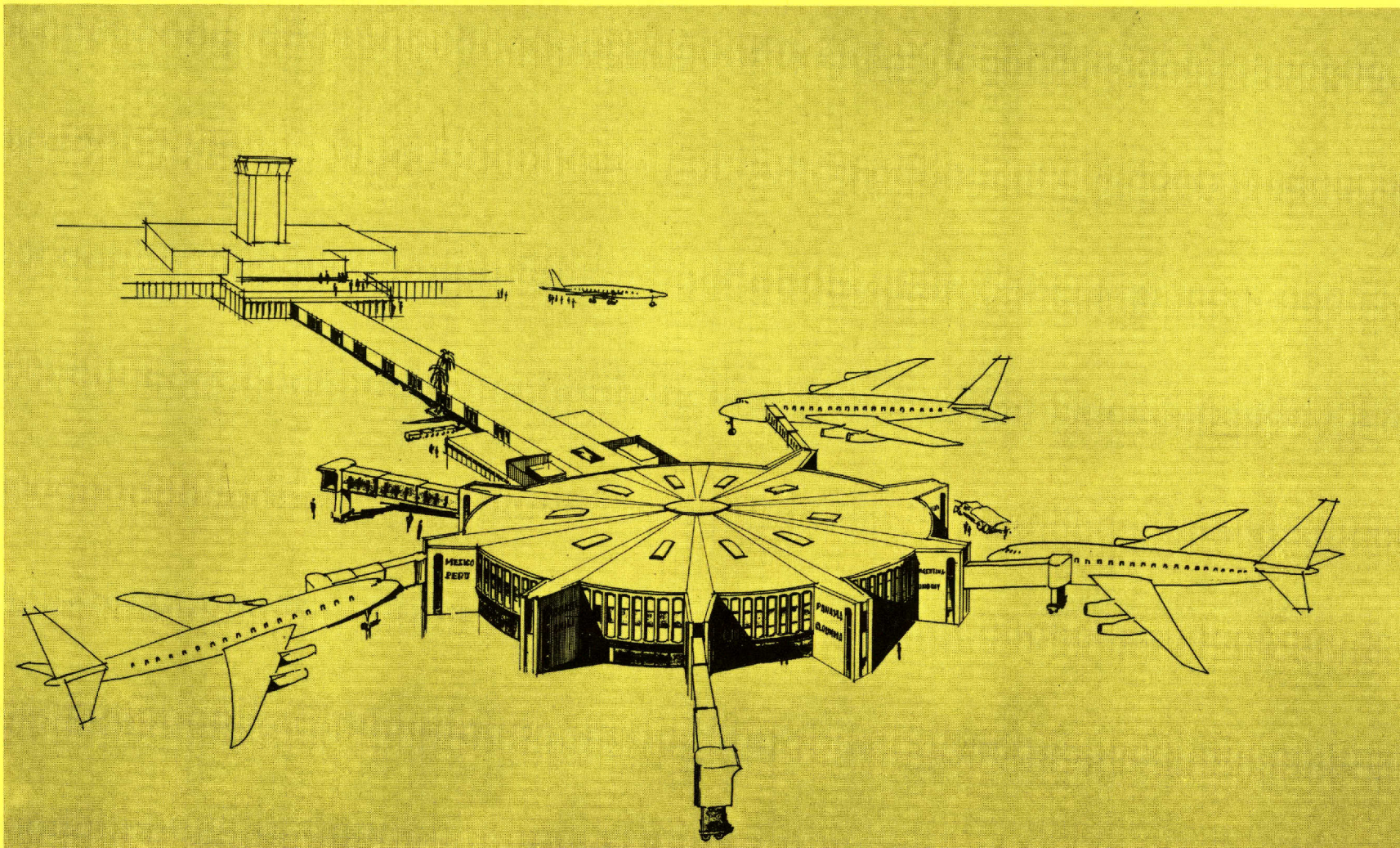


# Transportation

## VII. TRANSPORTATION

- A. Air Service
  - 1. Passenger Service
  - 2. Air Cargo
- B. Railroads
- C. Motor Transportation
  - 1. Inter-City Bus Lines
  - 2. City Transit
  - 3. Truck Lines
  - 4. Freight Forwarders
  - 5. REA
  - 6. Freight Rates
- D. Waterways





San Antonio's modern International Airport has 6 regularly scheduled airlines, providing daily single plane service to over 30 major market areas of the nation.

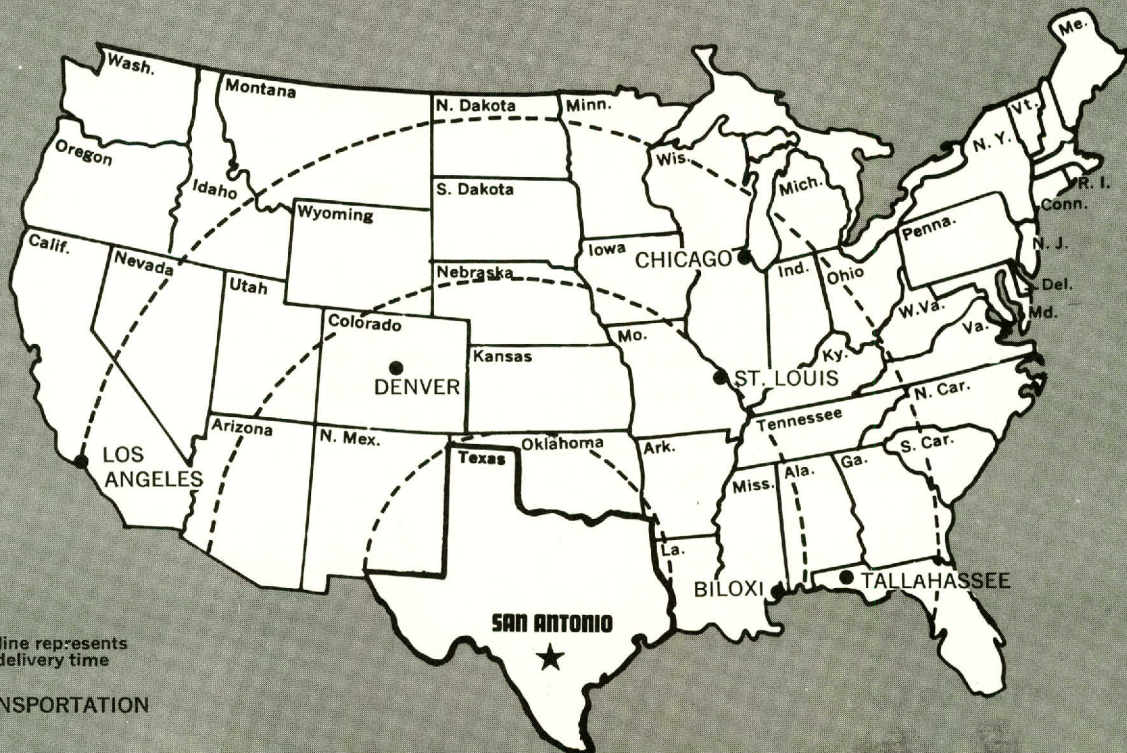


San Antonio, ideally located midway between the Atlantic and Pacific seaboards, offers exceptional air, rail and trucking facilities. Served efficiently by six regular scheduled airlines, with 45 commercial jet departures daily, all providing air cargo service with several jet freighter departures daily. Air Express service is through the Railway Express Agency.

3 trunk railroads provide LCL service. 37 common carrier truck lines, some offering overnight service within a radius of 300 miles, and second morning delivery to Los Angeles. All Texas markets can be reached in hours over the finest highways . . . and Monterrey, Mexico, the industrial center of Mexico . . . is only 300 miles from San Antonio. It is natural that San Antonio be referred to as the "Gateway to Mexico".

# SAN ANTONIO

**MAJOR TRANSPORTATION CENTER FOR THE BOOMING SOUTHWEST, MEXICO AND SOUTH AMERICAN COUNTRIES . . .**





## A. AIR SERVICE

1. Passenger Service

San Antonio is served by the six regularly scheduled airlines listed below:

American Airlines, Inc.	Continental Airlines
Braniff International	Eastern Airlines
Compania Mexicana de Aviacion	Trans-Texas Airways

According to official Civil Aeronautics Board and Federal Aviation Agency reports for the year of 1967, there were over 723,000 domestic enplaned passengers and over 115,000 international passengers at San Antonio's International Airport.

Frequency of service, direct daily service from San Antonio, by carriers:

AMERICAN AIRLINES, INC.

1 daily to San Francisco  
 1 daily to Los Angeles and San Diego  
 1 daily to Dallas and Washington, D. C. with connections at Dallas to all principal cities north, east and west  
 1 daily to Mexico City  
 2 daily to Houston  
 1 daily to Houston, Nashville, Cincinnati, Pittsburgh and New York City

BRANIFF INTERNATIONAL

14 daily to Dallas	2 daily to Acapulco
3 daily to Corpus Christi	2 daily to Kansas City
2 daily to Houston	2 daily to Nashville
4 daily to Austin	1 daily to Memphis
2 daily to Chicago	1 daily to Portland
6 daily to New York	1 daily to Wichita Falls
1 daily to Minneapolis	1 daily to Seattle
3 daily to Washington, D. C.	1 daily to Oklahoma City (except Saturdays)
1 daily to Denver	1 daily to Wichita (except Saturdays)
2 daily to Mexico City	

COMPANIA MEXICANA DE AVIACION

1 daily to Dallas  
 1 daily to Mexico City and Monterrey  
 3 weekly to Guadalajara and Mexico City

CONTINENTAL AIRLINES

3 daily to Albuquerque  
 3 daily to Denver  
 5 daily to El Paso, with connections to the northwest  
 10 daily to Houston, with connections to the southeast and northeast  
 7 daily to Los Angeles, with connections to the northwest and Honolulu  
 2 daily to Lubbock  
 5 daily to Midland  
 4 daily to Phoenix, with connections to the north  
 4 daily to Portland  
 4 daily to Seattle  
 3 daily to Tucson



EASTERN AIRLINES

- 3 daily to Houston
- 3 daily to New Orleans, direct connections to Mobile and Huntsville, Alabama
- 3 daily to Atlanta, direct connections to North Carolina, Indianapolis, and Philadelphia
- 2 daily to Washington, D. C.
- 1 daily to Philadelphia
- 5 daily to New York, direct connections to New England and Europe
- 1 daily to Montreal
- 1 daily to Miami, direct connections to San Juan and Caribbean

TRANS-TEXAS AIRWAYS

- 3 daily to Austin
- 1 daily to Corpus Christi
- 4 daily to Dallas
- 3 daily to Harlingen
- 3 daily to Houston
- 2 daily to Laredo
- 2 daily to McAllen
- 1 daily to Victoria
- 1 daily to Waco

2. Air Cargo

- a. All scheduled passenger airlines which serve San Antonio offer air cargo service.
- b. There are also several non-scheduled airlines which serve San Antonio, their local contact is the Independent Airlines Association.
- c. There is, of course, Air Express service through the Railway Express Agency in San Antonio.

B. RAILROADS

- 1. There are three trunk railroads serving San Antonio with eight outlets in the city: Missouri-Kansas-Texas, Southern Pacific and Missouri Pacific.
- 2. Short lines and switching lines.  
One - Texas Transportation Company
- 3. There are adequate facilities for handling LCL (Less Than Carload) traffic in the above facilities.
- 4. Freight Rates

The San Antonio Chamber of Commerce has an excellent Traffic and Transportation Department fully staffed to make expert rate and service studies on specific distribution problems for potential new industries.

5. Passenger Service

The Southern Pacific operates daily all-Pullman passenger trains to the West Coast and to New Orleans and beyond. Missouri Pacific operates daily all-Pullman passenger trains to St. Louis and east and to Laredo and Mexico.

C. MOTOR TRANSPORTATION

- 1. San Antonio is served by four motor bus lines with schedules performed as follows:  
(Passenger and parcel express service on all schedules)

### Central Greyhound Lines

North: 1 daily to Fort Worth  
 10 daily to Dallas (four of these are thru buses to Chicago, one a thru bus to Sioux City, a thru bus to Tulsa, and a thru bus to New York City.)  
 East: 7 daily to Houston (two of these are thru buses to Miami, three are thru buses to New Orleans.)  
 South: 7 daily to Laredo (connections at Laredo for Mexico.)  
 4 daily to Corpus Christi

### Continental Trailways

East: 4 daily to Houston (one of these buses is a thru bus to Shreveport, La., and one a thru bus to New Orleans, La.)  
 North: 6 daily to Dallas, and 4 daily to Fort Worth  
 South-east: 2 daily to Victoria  
 South: 7 daily to Corpus Christi, 7 daily to Rio Grande Valley points, 3 daily to Laredo (connections to Mexico.)

### Kerrville Bus Line

West: 4 daily to El Paso and West Coast  
 North: 4 daily to Amarillo and Denver  
 South: 7 daily to Uvalde and Del Rio, 3 daily to Eagle Pass

### Randolph Field Bus Company

North-east: 12 regularly scheduled trips daily to Randolph Air Force Base

## 2. City Transit

San Antonio is served by one local city bus line, the municipally owned San Antonio Transit System which has adequate schedules to serve the city. (See Section II, Cost of Living.)

## 3. Truck Lines

San Antonio is served by 31 common carrier truck lines, some chiefly concerned with territory close to the city, others reaching to the borders of Texas and to all the state's principal cities. Others, however, provide direct one-line through service to many major cities of the United States. These larger lines interchange trailers with other lines to points not certified to San Antonio truck lines.

Alamo Express, Inc.  
 Arkansas-Best Freight System, Inc.  
 Basse Express  
 Boerne Motor Freight Lines  
 Braswell Motor Freight Lines  
 Brown Express, Inc.  
 Central Freight Lines, Inc.  
 Consolidated Copperstate Lines  
 Consolidated Freightways  
 Curry Motor Freight Lines, Inc.  
 East Texas Motor Freight  
 Frozen Food Express  
 Gulf Coast Express, Inc.  
 Hensley Truck Lines  
 Herder Truck Lines  
 Lang Truck Lines

Lee Way Motor Freight, Inc.  
 Merchants Fast Motor Lines, Inc.  
 Missouri Pacific Truck Lines  
 Motorway Express  
 Querner Truck Lines, Inc.  
 Red Arrow Freight Lines  
 Refrigerated Transport, Inc.  
 Roadway Express, Inc.  
 Southern Pacific Transport Co.  
 Southwestern Motor Transport, Inc.  
 Strickland Transportation Co., Inc.  
 Texas Arizona Motor Freight, Inc.  
 Whitfield Transportation Company  
 Yellow Transit Freight Lines, Inc.  
 Zero Refrigerated Lines



Lines provide both single-line and joint-line freight service to the West Coast offering second morning delivery to Los Angeles.

Overnight delivery can be achieved within a radius of 300 miles.

#### 4. Freight Forwarders

San Antonio has the inbound services of 9 freight forwarding companies:

Acme Fast Freight	Texas Parcels Service, Inc.
International Forwarding Company	Texas Shippers Association
Midland Forwarding Company	Universal Carloading Company
National Carloading Company	Yellow Forwarding Company
Republic Carloading Company	

San Antonio has the outbound services of 3 freight forwarding companies:

Springmeier Shipping Company  
Texas Parcels Service, Inc.  
Yellow Forwarding Company

These forwarders provide fast, efficient and economical service to the shippers and receivers of small shipments.

#### 5. REA

Express service on small shipments is available to all points in the United States. REA also maintains an International Department at San Antonio which is capable of handling small import and export shipments from and to most major world points, including customs brokerage and documentation.

#### 6. Freight Rates

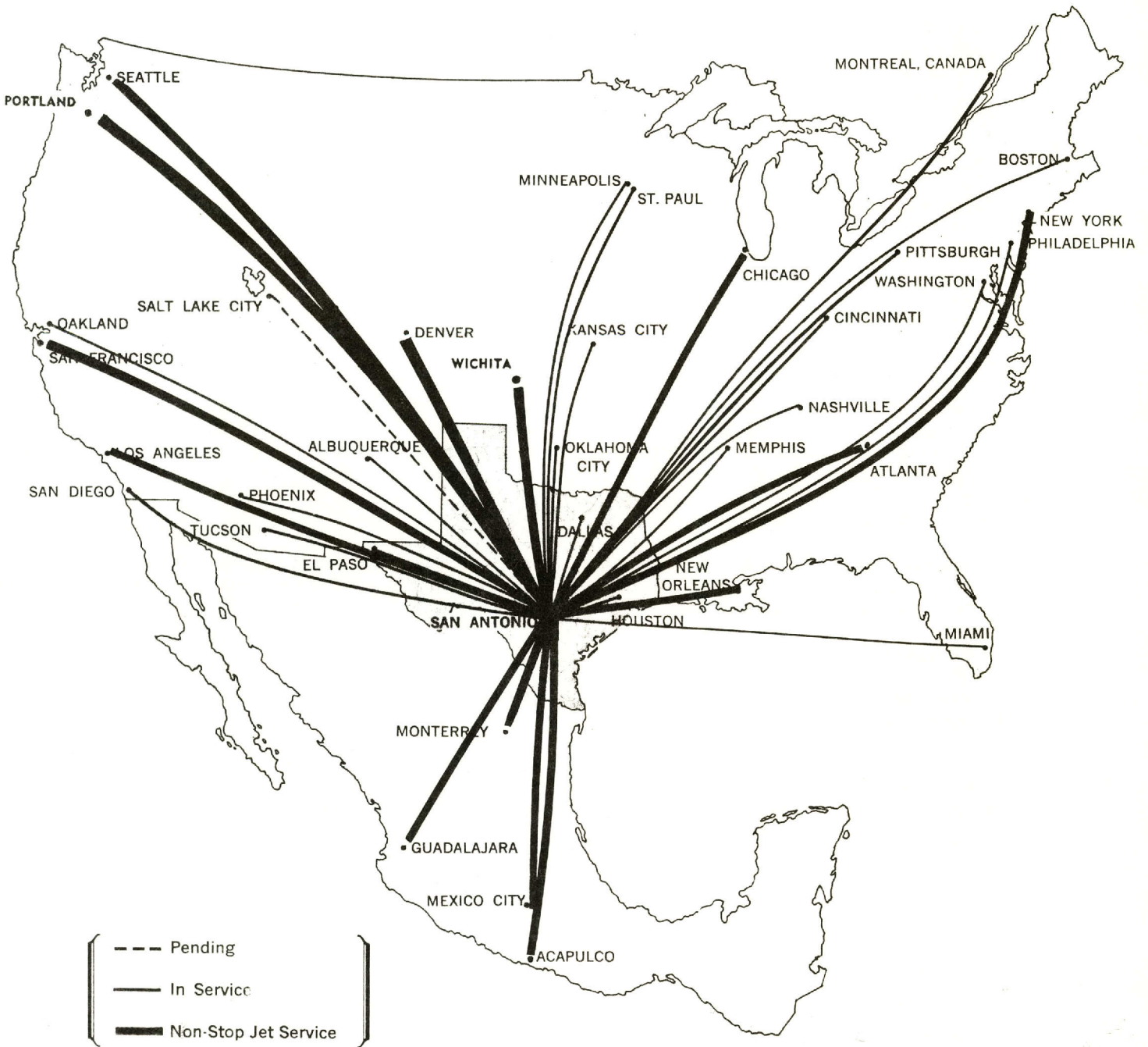
Rates vary from commodity to commodity, volume, weight and mode of transportation. Given specific information, the Traffic and Transportation Department of the San Antonio Chamber of Commerce will be pleased to provide accurate information.

### D. WATERWAYS

There is combination motor truck and steamship "Sea Land" service from Port of Houston to North Atlantic ports of the United States.

The wealth of common carrier truck lines and rail service between San Antonio and the Gulf ports of Brownsville, Corpus Christi, Houston and Galveston makes available to San Antonio shippers heavy volume barge service to and from points on the American Inland Waterways System.

### SAN ANTONIO DIRECT DAILY AIRLINE SERVICE

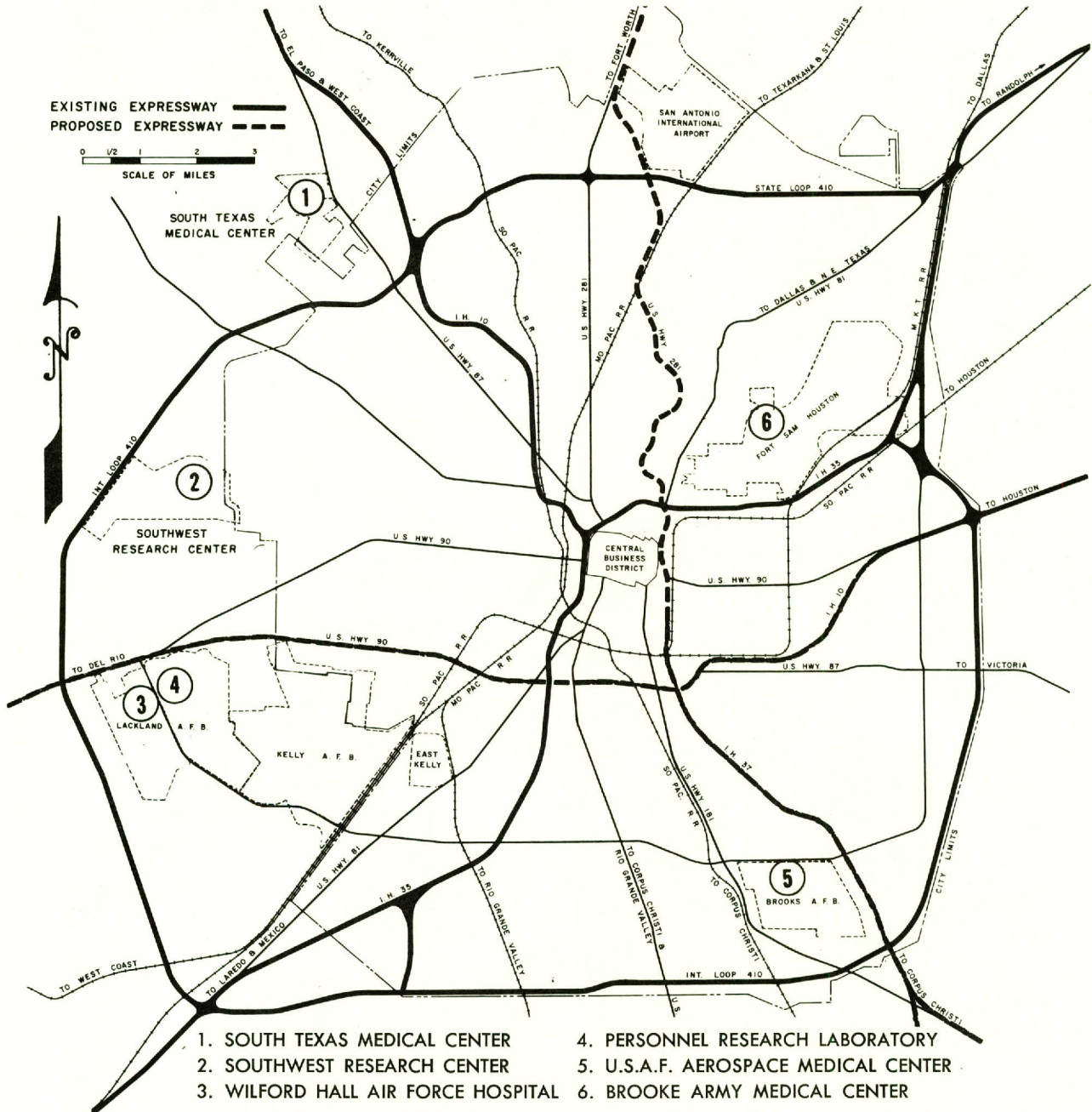




# San Antonio... America's 14th Largest City

## Modern Transportation Center for \* 800,000 People

Your business or residence will be a few minutes ride to a jet at San Antonio's International Airport. Two convenient bus terminals and three train stations are centrally located. Prime site locations with railroad sidings are available. Truck lines are ample. It is noteworthy that any point in San Antonio is easily accessible within 20 minutes on modern 55 MPH expressways.



\* San Antonio's population will exceed 1,500,000 by 1985.





San Antonio's abundant labor pool can mean added profits to your firm.

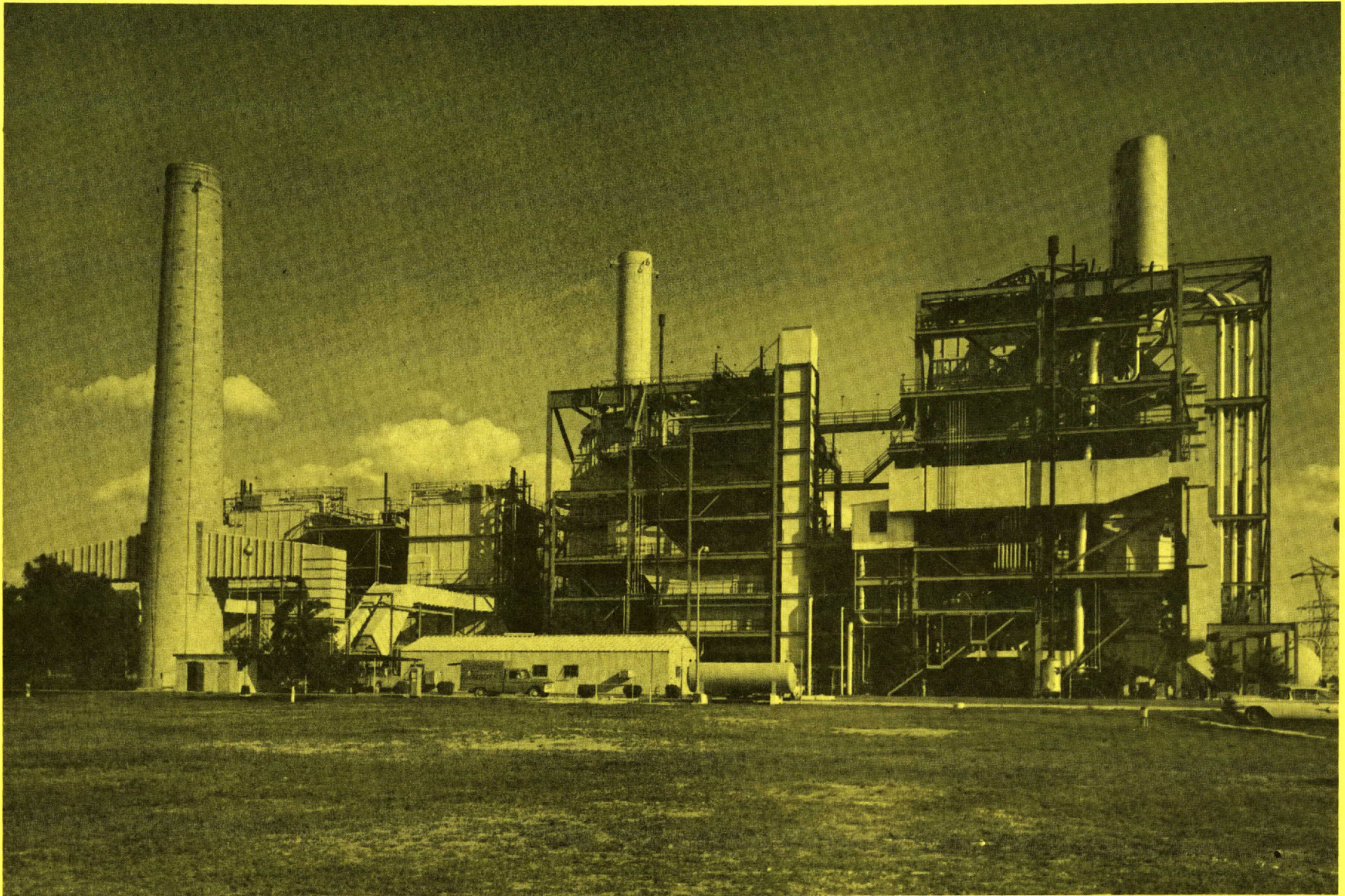


# Utilities

## VIII. UTILITIES

- A. General Description
- B. Electric Power
- C. Natural Gas
- D. Water





San Antonio is located in the heart of the rapidly expanding Southwest and is among the choicest of sites for warehousing and distributing, as well as manufacturing.



## A. GENERAL DESCRIPTION

San Antonio's electric, natural gas and water utilities are publicly owned. The electric utility was acquired by the city in 1942 and unusually efficient management has improved the system to the point where it is ranked very high in term of efficiency and low cost operation with both public and privately operated utilities.

The natural gas utility, like the electric utility, is under the supervision and direction of the City Public Service Board. Gas produced in South Texas is purchased by the Board and distributed to residential, commercial and industrial consumers. Since almost one-third of Texas' natural gas reserves are located within 150 miles of San Antonio, rates are favorable and there is practically no limit on the volume of natural gas which can be made available. This proximity to the natural gas fields obviates the necessity for compressor stations.

San Antonio's water supply is drawn from the Edwards Underground Reservoir where it has been naturally filtered and purified by the limestone formation and therefore requires no expensive treatment or storage. San Antonio's water does not come in contact with surface light or air until it emerges from the consumer faucet. Water rates are very favorable.

## B. ELECTRIC POWER

The electric utility has adequately served the requirements of the community as needs have expanded. Firm plans provide for serving the growth for the next decade based on annually revised load projections. At the present time, the generating capacity is 1,053,000 KW. In order to provide for future needs, a generating unit is presently under construction that will raise the generating capacity in 1968 to 1,298,000 KW. Then for completion in 1970 a generating unit is on order that will raise the capacity to 1,703,000 KW. To complement long-range water conservation plans, generating plants added to the system since 1965 have utilized the surface lake concept for supplying the tremendous quantities of cooling water required in the generation of electricity. A 1,300 acre lake has been constructed for meeting the cooling water needs and a second 3,500 acre lake is presently being constructed to serve the needs of a new generating plant that has its first unit scheduled for service in 1972.

Both single and three-phase power are available throughout the service area. The lower distribution voltages consist of 120/208 volts Wye in the underground system and 120/240 Delta in the overhead. The frequency is 60 cycles per second.

A wide range of voltages is available, depending upon the size and location of the load. Some of these service voltages are 265/460 volts Wye; 460 volts Delta; 2400/4160; 7960/13,800. The highest transmission voltage utilized is 138,000 volts.

There are no seasonal restrictions on the use of service and the existing rates have no off-peak clauses.

Industrial electric rates are attached.

## C. NATURAL GAS

- a. Natural gas in San Antonio is served by the City Public Service Board which is supplied by the Alamo Gas Company from large gas fields located along the Gulf Coast area only 100 to 150 miles from San Antonio. This gas is transmitted to San Antonio by means of two separate 24" transmission lines either of which is capable of serving the total needs. A high pressure supply line system encircles the city and gas is supplied through two city gate stations. These transmission lines, together with the vast reserves which are available, provide this area with a most adequate gas supply.

The Board's outer belt system consists of 30" and 24" lines receiving gas from the Alamo Gas Company. This system has complete odorization and pressure control equipment for regulating the flow of gas with pressures from 125 to 150 p.s.i. These lines are all steel, welded, wrapped and have cathodic protection against corrosion. Gas is approximately 1,000 BTU per cubic foot and free from deleterious substances.

An inner belt system, consisting of 8", 12" and 16" lines, is interconnected to the outer belt system through 12" to 20" supply lines operated at pressure ranges of from 50 to 100 p.s.i. The service distribution system is supplied by means of the two interconnected belt systems. It operates at pressure ranges of from 5 to 15 p.s.i. and these pressures, as well as those on the supply line system, are maintained through the use of a remote control system that was developed in conjunction with a large manufacturer of metering and regulating equipment. This was the first installation of automatic and remote pressure regulation in the United States. With this system, satisfactory pressures can be maintained during rapidly fluctuating weather conditions. The supply line and inner belt system, as the outer belt system, are all steel, welded and cathodically protected against corrosion. The whole system comprises some 2,200 miles of pipe of all sizes.

- b. Rates for industrial gas consumers are attached.

#### D. WATER

##### 1. Public Water Supplies

Most of the San Antonio metropolitan area is supplied with water by the City Water Board, a municipally-owned system. There are 14 other public and private water systems in the city. With the exception of Bexar Metropolitan Water District, which serves southwest San Antonio and the City of Castle Hills, these other water systems serve relatively small areas.

##### 2. Source of Water

All water in the San Antonio area is obtained from wells in the cavernous Edwards limestone which underlies the city. This supply has always furnished abundant amounts of water to the San Antonio area, and no water shortage has existed. The long-time average recharge to the Edwards limestone underground reservoir is approximately 500,000 acre-feet per year, or about 445 million gallons per day. Although the city's water supply is adequate for present needs, steps are being taken to obtain a supplemental supply of surface water to be available when anticipated future demand for water exceeds the supply available from wells.

##### 3. Quality and Temperature of Water

Water from Edwards limestone wells in San Antonio is moderately mineralized calcium-bicarbonate type water which may require treatment for some industrial uses. A partial composite chemical analysis of water from City Water Board wells is as follows:

	<u>ppm</u>		
Calcium	70	Bicarbonate	256
Magnesium (Mg)	17	Chloride	15
Sodium (Na)	7	Sulfate	25
Iron and Manganese (Fe+Mn)	0.03	Fluoride	0.29
Dissolved Solids	394		
Total Hardness (CaCo.)	247		

pH        7.6

Because of its underground source, the San Antonio water supply is remarkably uniform in chemical character and in temperature. The temperature of the water is about 75 degrees F.

##### 4. Cost of Wells

At San Antonio the Edwards limestone is about 500 feet thick. Within the city, the top of the Edwards lies from 300 to 1,200 feet below the land surface. Well costs vary, depending upon the location and the quantity of water needed. Costs of two wells each having 30" x 26" casing



recently completed by the City Water Board have been \$62,503 for a 1,400 foot well and \$35,003 for a 995 foot well, exclusive of the pumping equipment. Each of these wells will produce about 11 million gallons per day.

5. City Water Board System

- a. Supply - The City Water Board has 60 wells. Thirty-one of these wells pump directly into the distributive system. The remainder pump water into collection tanks from whence it is pumped into the system. The 60 wells can produce a total of 338 million gallons of water daily.
- b. Pumps - Rated capacity of pumps which pump water into the distribution system is 373 million gallons per day.
- c. Treatment - The water which comes from the city's wells is free of harmful bacteria and needs no treatment. A small amount of chlorine is added to the water to prevent contamination from occurring during distribution.
- d. Distribution System - The City Water Board water-distribution system consists of 1,848 miles of pipe ranging in size from 3/4 inch to 42 inches in diameter. A grid system of large diameter pipes distributes water throughout the city.
- e. Pressure - Normal pressure ranges from 40 to 100 p.s.i. in the City Water Board distribution system. Differences in elevation within the city require the operation of six separate pressure planes.
- f. Consumption - During 1966, 29.5 billion gallons were pumped into the mains. The average day was 81 million gallons, the maximum day was 180.1 million gallons. At the end of that year, the average number of consumers was 138,498.
- g. Rates - San Antonio does not have an industrial water rate. Rates are as follows:

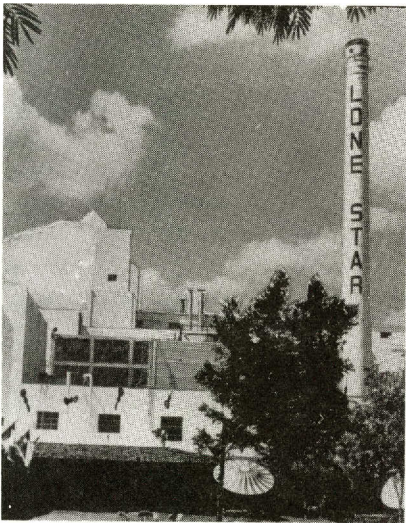
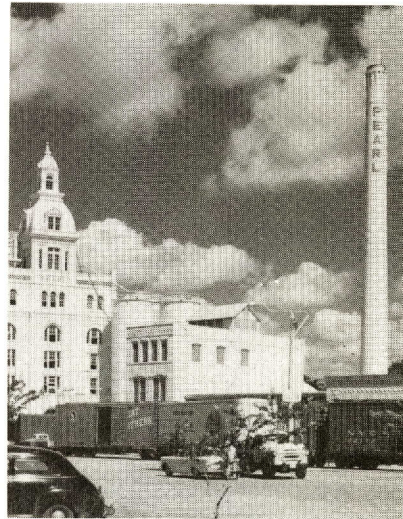
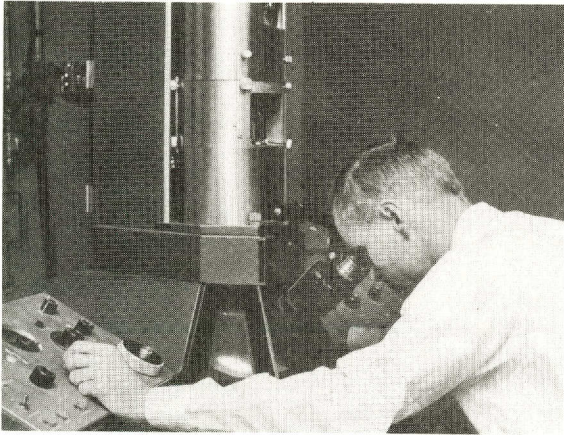
First	500 cu. ft.	@	\$1.40 minimum charge
Next	6,500 cu. ft.	@	0.23 per 100 cu. ft.
Next	18,000 cu. ft.	@	0.17 per 100 cu. ft.
Next	225,000 cu. ft.	@	.18 per 100 cu. ft.
Next	250,000 cu. ft.	@	0.09 per 100 cu. ft.
All in excess of	500,000 cu. ft.	@	0.08 per 100 cu. ft.

- h. Improvement Program - In June, 1956, the electorate voted approval of \$20,885,000 of Water Revenue Bonds for improvement to the system. By the end of year 1966 this bond construction program was completed with expenditures as follows:

	<u>Bond Allocation</u>
Pumping Stations	\$6,347,816
Elevated Storage Tanks	829,594
Distribution System	9,606,739
City Areas Without Water	866,311
Purchase of Suburban Water Co.	1,405,572
Retirement of Refund-Revenue Contracts	<u>2,000,000</u>
Total Bond Program	\$21,056,032

A continuing capital improvement program, amounting annually to \$1,200,000 is now being financed from revenues. In addition, revenues provide for normal extensions improvements, and replacements, such expenditures being \$3,673,723 for year 1966.





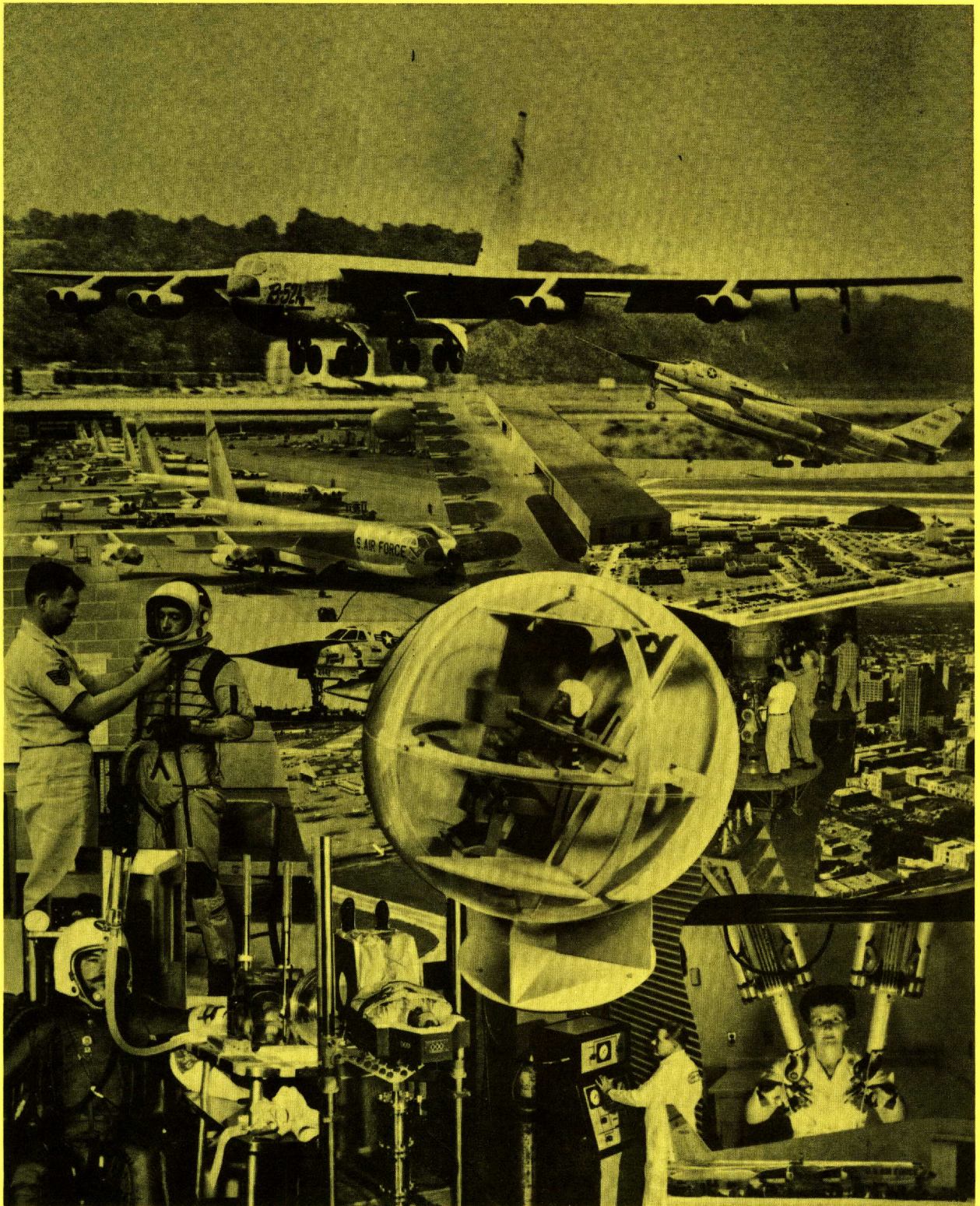


# Labor

## IX. LABOR

- A. San Antonio's Labor Force
- B. Availability and Wages for Household Servants
- C. Availability of High School Graduates
- D. Prevailing Wage Scale
- E. Training Facilities
- F. State Labor Laws







## A. SAN ANTONIO'S LABOR FORCE

San Antonio's labor force is dependable, intelligent, easily trained, and possesses an unusually high record of productivity. In addition, past relations between labor and management have been quite tranquil.

San Antonio, with an employment rate of 2.7% in December, 1967, compared to 3.3% in December, 1960, is classified nationally as a Type "C" labor market. A Type "C" labor market is one which has a moderate labor surplus. It is currently estimated that from 6,000 to 7,000 workers are currently available to move into industrial jobs.

The San Antonio Labor Drawing Area is generally defined as the land area that would be included within a 45-mile radius using San Antonio as a center. San Antonio is readily accessible from all communities and from all rural areas within this radius. Workers living anywhere in the area live at home and commute on excellent all-weather highways.

### BEXAR COUNTY LABOR FORCE

	<u>1950</u>	<u>1956</u>	<u>1961</u>	<u>1963</u>	<u>1967</u>
Total Civilian Labor Force	176,888	201,182	223,530	229,035	265,365
Unemployed - Total	5,000	6,100	10,550	10,810	7,170
Female	NA	1,575	3,250	3,570	2,660
Agricultural	5,009	4,833	4,225	3,755	2,400
Non-Agricultural	166,879	190,249	208,865	214,450	255,795
Manufacturing	18,284	23,571	24,328	25,685	28,160
Non-Manufacturing	124,026	166,678	184,355	188,355	227,635
Construction	12,895	12,615	14,475	14,765	19,165
Trans., Communications, Utilities	12,759	13,405	9,905	10,250	10,720
Trade	18,255	50,498	54,070	55,095	63,510
Service, Finance, Insurance Real Estate	6,480	43,497	43,010	45,325	58,635
Government	28,322	38,764	53,065	*53,300	65,105
Others	45,365	7,899	9,820	10,030	10,500

\*Included in this figure are the 24,800 civilians employed in the massive aircraft repair and maintenance shops at Kelly Air Force Base. These workers possess the same high degree of skills as would be required in a privately owned aircraft plant employing the same number of workers. Skills included in Kelly's labor force are: electronics specialists, machinists, sheet metal workers, tool, die, and pattern makers, aircraft mechanics, etc.

### UNEMPLOYMENT

Breakdown of unemployed in Bexar County, Texas, and actively seeking employment during an average month in 1966.

Professional, Technical & Kindred	550
Farmers & Farm Managers	150
Managers, Officials & Props.	400
Clerical & Kindred	1,050
Sales Workers	1,450
Craftsmen	1,000
Operatives & Kindred	1,200
Domestic Workers	800
Service Workers	1,400
Farm Laborers & Foremen	600
Laborers - Non-Farm	2,400
Total	11,000

## B. AVAILABILITY AND WAGES FOR HOUSEHOLD SERVANTS

Domestic workers are available in adequate supply with the exception of persons to live on the place.

Day workers receive about \$1.00 to \$1.25 per hour plus bus fare.

Yardmen receive about \$1.00 to \$1.25 per hour.

Housemen receive about \$40 per week and up with some fringe benefits.

## C. AVAILABILITY OF HIGH SCHOOL GRADUATES

Approximately 10,472 students were graduated from Bexar County high schools during the 1964-1965 school year. Nearly 50% of these enrolled in college; the remaining 50% are in the labor market or have secured jobs since graduation.

The schools in the area offer primarily academic courses, although there are several schools that may be classified as trade schools and teach various types of courses designed for entrance into various fields of work.

## D. PREVAILING WAGE SCALE

Reliable information on prevailing wage rates for various job classifications is not available; however, following are the high and low starting salaries for a select group of job classifications. This information is based on orders received in the office of the Texas Employment Commission.

<u>Occupation</u>	<u>Low</u>	<u>High</u>
Shipping Clerk	\$ 75 Wk.	\$120 Wk.
Secretary	\$350 Mo.	\$450 Mo.
Stenographer	\$250 Mo.	\$350 Mo.
Personnel Manager	\$600 Mo.	\$850 Mo.
Accountant	\$500 Mo.	\$650 Mo.
Accounting Clerk	\$250 Mo.	\$350 Mo.
PBX Receptionist	\$250 Mo.	\$300 Mo.
Clerk-Typist	\$200 Mo.	\$275 Mo.
Bookkeeper	\$225 Mo.	\$375 Mo.
Office Manager	\$450 Mo.	\$700 Mo.
Posting Machine Operator	\$250 Mo.	\$325 Mo.
Key Punch Operator	\$300 Mo.	\$350 Mo.
Truck Driver	\$1.65 Hr.	\$2.25 Hr.
Maintenance Mechanic	\$1.75 Hr.	\$2.75 Hr.
Welder Combination	\$2.00 Hr.	\$3.50 Hr.
Painter	\$1.75 Hr.	\$2.75 Hr.
Carpenter	\$2.50 Hr.	\$3.50 Hr.
Laborer, General	\$1.40 Hr.	\$2.00 Hr.
Watchman or Guard	\$1.50 Hr.	\$1.75 Hr.
Electrician	\$2.75 Hr.	\$4.00 Hr.
Plumber	\$3.00 Hr.	\$4.00 Hr.
Sheet Metal Worker	\$2.50 Hr.	\$3.50 Hr.
Machinist	\$2.75 Hr.	\$3.50 Hr.
Heavy Equipment Operator	\$2.50 Hr.	\$3.25 Hr.
Senior Engineer	\$800 Mo.	\$950 Mo.
Engineer	\$750 Mo.	\$850 Mo.
Junior Engineer	\$500 Mo.	\$650 Mo.



## E. TRAINING FACILITIES

1. Apprenticeship - Apprentice training is available through various unions and employers. San Antonio schools cooperate fully with this endeavor. In cooperation with the Bureau of Apprenticeship and Training, any type training can be set up to meet particular needs. Consultant services are available on request from the Bureau of Apprenticeship and Training.

All construction trades, except Asbestos Workers, Roofers, Operating Engineers and Boilermakers have apprenticeship programs. The larger apprenticeship programs are administered by area-wide joint apprenticeship committees, equally represented by management and labor.

Some apprenticeship programs in operation are:

Aircraft Accessories Mechanic	Commercial Printing Pressman
Aircraft Electrician	Dental Technician
Aircraft Engine Mechanic	Electrical Repairman
Aircraft Machinist	Engraver
Aircraft Patternmaker	Glazier
Aircraft Radio and Radar Mechanic	Machinist
Aircraft Service Mechanic	Millman
Aircraft Sheet Metal	Newspaper Printing Pressman
Automobile Equipment Repairman	Optical Technician
Automobile Mechanic	Photoengravers
Automotive Machinist	Plant Maintenance Electrician
Automotive Repairman, Heavy Duty	Printer
Bookbinder	Shop Iron Worker
Brewer	Stained-Glass Glazier
Butcher-Meat Cutter	Stereotyper
Cabinetmaker	Tool and Die Maker
Wood Patternmaker	Truck Mechanic

2. Trade Schools - Training facilities in San Antonio are excellent and have been created as the demand has arisen. Vocational training for high school students is available through several of the local high schools. Approximately 2,700 students were enrolled in vocational and technical training programs during the 1966-1967 school year.

## F. STATE LABOR LAWS

Texas has a number of laws which are of interest to prospective employers. These are:

1. The right to work is protected; no person shall be denied employment because of membership or non-membership in a union.
2. Picketing public utilities, either publicly or privately owned, is unlawful if disruptive.
3. Strikes by public employees are prohibited.
4. Organizations whose members picket are liable for loss resulting.
5. Mass picketing is prohibited.
6. The check-off without consent is prohibited.
7. Secondary strikes and boycotts are prohibited.
8. Unions are made subject to the Anti-trust Laws under the Penal Code and the Civil Statutes.
9. Anti-picket violence is unlawful.
10. Unions are required to make annual reports and accounts to Secretary of State.





Governmental medical facilities such as the School of Aerospace Medicine, Brooke Army Medical Center, Wilford Hall Hospital, and the South Texas Medical Center combined to make San Antonio one of the leading medical facilities in the world.

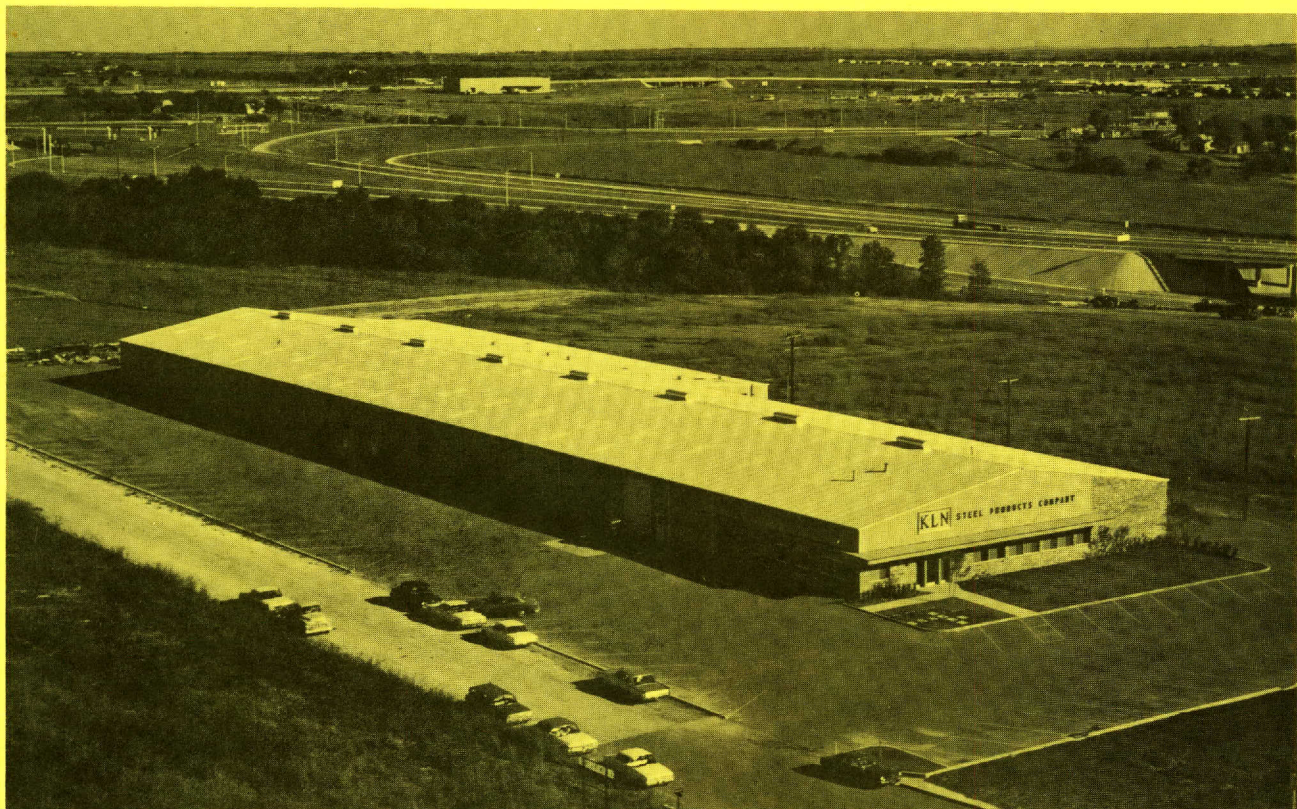
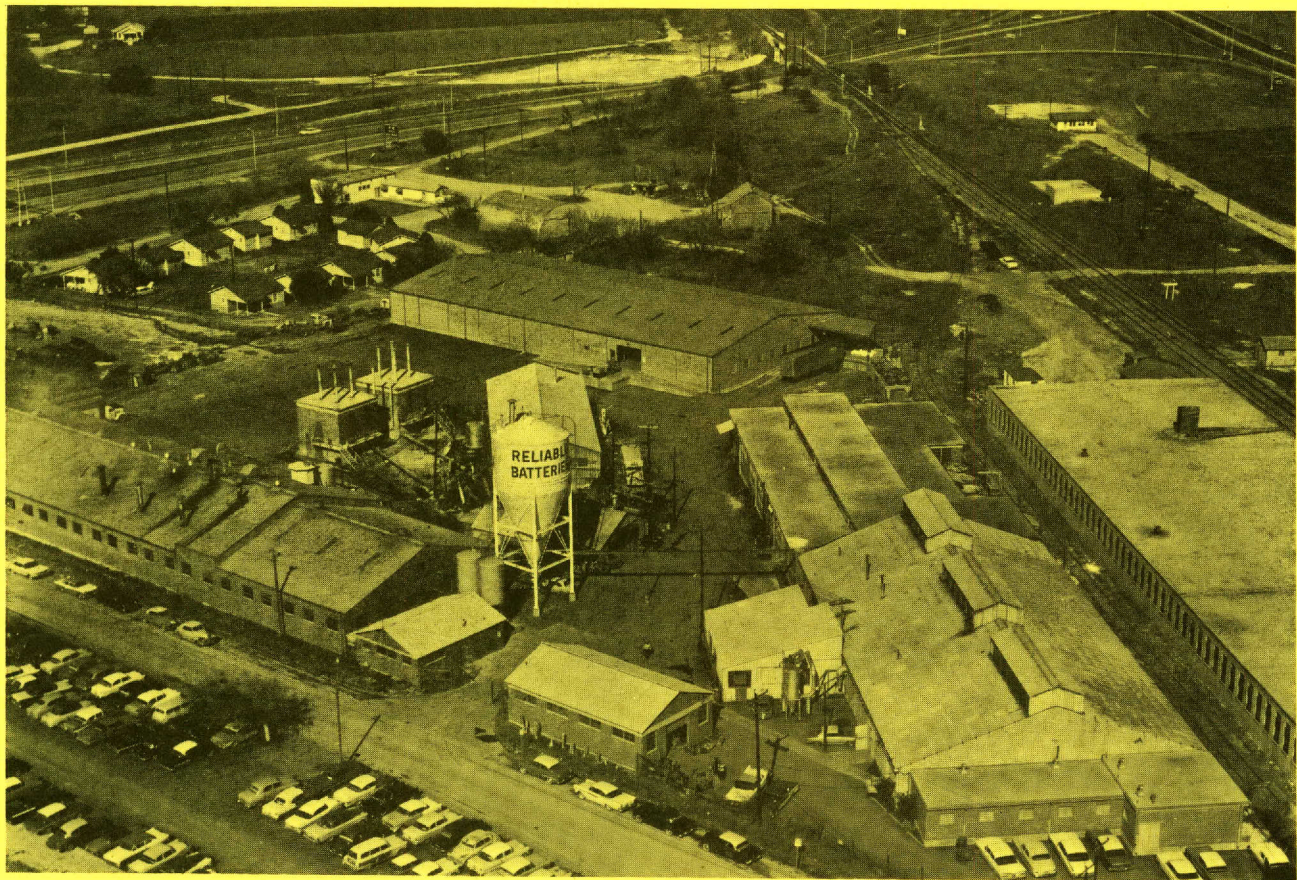


# Leading Industries

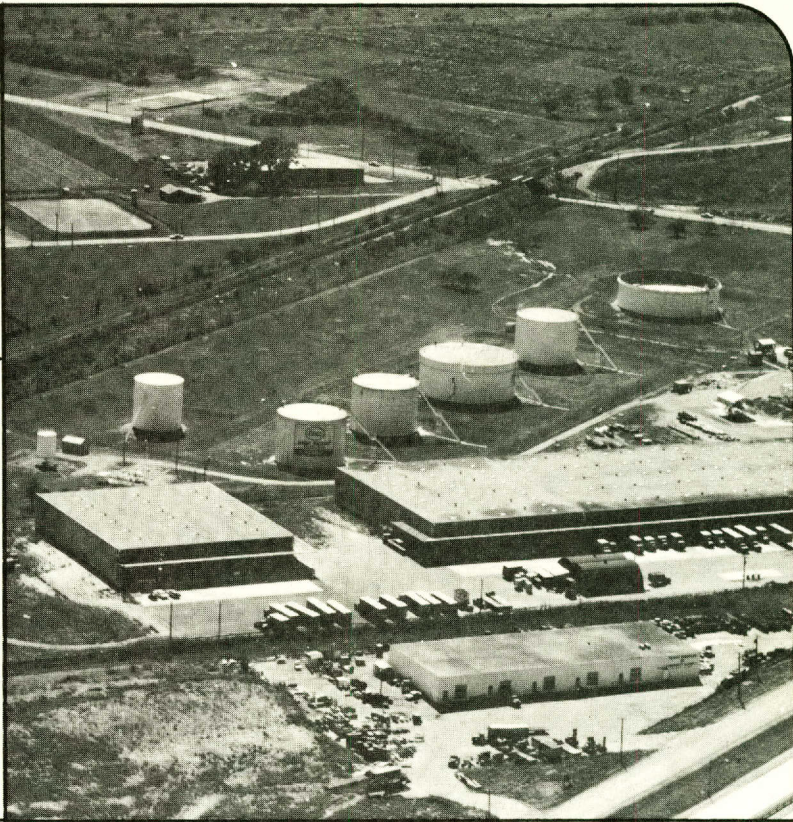
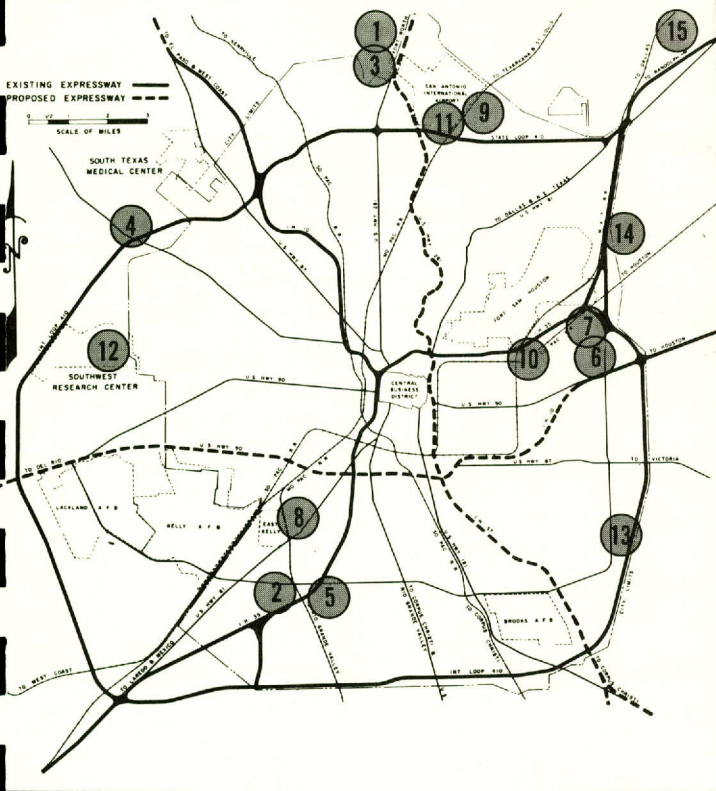
## X. LEADING INDUSTRIES

- A. Number of Plants
- B. Types of Industry
- C. Industrial Activities at Kelly Air Force Base
- D. New Plants
- E. Research Facilities
  - 1. Southwest Research Institute
  - 2. Southwest Foundation for Research and Education
  - 3. Aerospace Medical Division
  - 4. Brooke Army Medical Center, Surgical Research Unit









# SAN ANTONIO

**15 CHOICE INDUSTRIAL PARKS AND DISTRICTS...OVER 1700 ACRES OF STRATEGICALLY LOCATED SITES**

(Below numbers and description correspond to number on map)

1. AIRPORT INDUSTRIAL PARK: Rohde & Co. Realtors, 8339 San Pedro Ave. CA 3-1182; Financing; 40 Firms; North San Antonio; E-G-W-S-T.
2. BARRETT INDUSTRIAL PARK, INC.: Thurman Barrett, Jr., 2718 S.W. Military Dr., WA 2-1271; 167 Acres; E-G-W-S-T; Paved Streets; RR Spur-MoPac; Conventional Financing — will build; South San Antonio.
3. BEACON CIRCLE INDUSTRIAL — NORTH PARK: H. B. Zachry Properties, Inc., Hwy. 281 North — One mile north of Loop 410, DI 2-5214; 65 Acres; E-G-W-S-T; Paved Streets; Financing available; will build; North San Antonio.
4. BEACON CIRCLE INDUSTRIAL — WEST PARK: H. B. Zachry Properties, Inc., Loop 410 and Bandera Road, DI 2-5214; 61 Acres; E-G-W-S-T; Paved Streets; Financing available; will build; West San Antonio.
5. BEACON CIRCLE INDUSTRIAL — SOUTH PARK: H. B. Zachry Properties, Inc., PanAm Expressway and Loop 13, DI 2-5214; 14 Acres; E-G-W-S-T; Paved Streets; RR Spur-MoPac; Financing available, will build; South San Antonio.
6. EASTWOOD INDUSTRIAL PARK: 4455 Director Dr., ED 3-3210; 140 Acres; E-G-W-S-T; Paved Streets; RR Spur-S.P.; Insurance Financing available, will build; East San Antonio.
7. EXPRESSWAY INDUSTRIAL PARK: Terry Thrift, Jr., 708 W. Summit, PE 4-0722; 25 Acres; E-G-W-S-T; Paved Streets; RR Spur-S.P.; Financing available, will build; East San Antonio.
8. NORMOYLE INDUSTRIAL DISTRICT: Roger or Russell Hill, Rm. 416 AAA Life Bldg., CA 7-2411; 16 Acres; E-G-W-S-T;

- Paved Streets; RR Spur-MoPac; Financing available, will build; South San Antonio.
9. PAPE INDUSTRIAL PARK: Elgin Pape, 2619 Danbury, TA 2-9217; 30 Acres; E-G-W-S-T; Paved Streets; RR Spur-MoPac; Financing available, will build; North San Antonio.
10. SAN ANTONIO INDUSTRIAL PARK: Naylor Realty, 201 W. Olmos, TA 4-1543; 20 Acres; E-G-W-S-T; Paved Streets; RR Spur-SP; Financing available, will build; East San Antonio.
11. SAN ANTONIO INTERNATIONAL AIRPORT: Director, 450 Airport Blvd., TA 6-3274; 30 Acres; E-G-W-S-T; Paved Streets; Long-term lease only; North San Antonio.
12. SCIENCE INDUSTRIAL PARK: Dr. Harold Vagtborg, Southwest Research Center, 8500 Culebra Road, OV 4-2000, 500 Acres; E-G-W-S-T; Financing available, will build for science oriented firms; West San Antonio.
13. SOUTHEAST INDUSTRIAL DISTRICT: H. R. Murphy, 8151 Broadway, TA 4-6344; 300 Acres (available only in sizeable tracts); E-G-W-T; Paved Streets; Financing available, will build; Southeast San Antonio.
14. THE GREAT SOUTH TEXAS INDUSTRIAL PARK — DREYFUS & KOST: 6643 San Pedro, DI 4-9707, 400 Acres; E-G-W-S-T; Paved Streets; RR Spur-SP; Conventional financing available with complete site planning and construction; East San Antonio.
15. AUSTIN HIGHWAY INDUSTRIAL PARK: Larry Van Horn, Petroleum Commerce Building, CA 2-0111; MKT Rail, 66 acres; E-G-W-S-T; Paved Streets; Will build for lease or Lot Sales.

Compiled by San Antonio Chamber of Commerce

For information on these individual sites, contact — Industrial Department, San Antonio Chamber of Commerce CA 7-8181 P. O. Box 1628

E—Electricity  
G—Natural Gas  
W—Water

S—Sewer  
T—Telephone

MoPac—Missouri Pacific Railroad  
SP—Southern Pacific Railroad



## A. NUMBER OF PLANTS

San Antonio, with 858 manufacturing establishments, is the leading manufacturing center of Southwest Texas. The number of plants in San Antonio is rapidly increasing.

	<u>No. Mfg. Plants</u>	<u>Mfg. Employees</u>	<u>Mfg. Payroll</u>	<u>Added by Mfg.</u>
1963	596	22,670	\$99,230,000	\$205,209,000
December, 1967	858	28,160	\$130,661,273	Not Available

Source: 1963 figures - U. S. Department of Commerce, 1963 Census of Manufacturers  
1967 figures - Texas Employment Commission and San Antonio Chamber of Commerce

## B. TYPES OF INDUSTRY

Industrial Employment - Bexar County  
December, 1967

	<u>No. of Establishments</u>	<u>Industrial Workers</u>
<u>Durable Goods</u>		
Lumber & Wood Products	18	810
Furniture & Fixtures	45	710
Stone, Clay & Glass	40	1,940
Primary Metals	9	490
Fabricated Metal Products	54	2,510
Machinery (except elec.)	43	1,985
Transportation Equipment	19	645
Other Durable Goods	55	1,470
Durable Goods - TOTAL	283	10,560
<u>Non-Durable Goods</u>		
Food & Kindred Products	324	9,165
Textile Mill Products	4	450
Apparel & Finished Products	74	3,485
Paper & Allied Products	15	420
Printing & Publishing	89	2,705
Chemicals & Allied Products	30	630
Products of Petroleum & Coal	10	250
Leather & Leather Products	14	355
Other Non-Durable Goods	15	140
Non-Durable Goods - TOTAL	575	17,600
Manufacturing - TOTAL	858	28,160

San Antonio industry is extremely diversified: A partial list of the types of products manufactured in San Antonio plants includes:

Food Products and Food Processing

Meat Packing  
Frozen Foods  
Mexican Foods  
Cereals

Bakery Products  
Candy  
Beverages (notably beer)  
Dairy Products, etc.

Apparel Manufacturing

Children's Wear  
Cashmere Sportswear  
Work Clothes  
Ladies' Wear

Military Uniforms & Caps  
Leather Goods, etc.  
House Furnishings



Chemicals

Lithium Products    Insecticides  
 Lime & Lime-      Pharmaceuticals  
   stone Products    Fertilizers  
 Petroleum Products  
 Bowling Balls

Building Materials

Cement                      Decorative Tile  
 Light Weight Aggregates    Decorative Wrought  
 Asphalt Roofing              Iron Products  
   Products                      Concrete Pipe, etc.

Metal Fabrication

Structural Steel    Prison Equipment  
   & Steel Forms    Trailers & Truck Bodies  
 Food Handling Eq. Medical Supplies  
 Metal Cans

Wood Products

Household Furniture      Bank & Store Fixtures  
 Wooden Doors              Courtroom & Church  
 Specialty Millwork        Fixtures  
   Furniture

Machinery and Components

Oil Field Equipment      Aircraft Overhaul &  
 Road Building Machinery    Maintenance  
 Primary Aircraft          Aircraft Modification  
 Air Conditioning & Comm-    Storage Batteries, etc.  
   ercial Refrigeration      Garbage Truck Bodies  
   Equipment                Trailer & Truck Bodies  
 Electronic & Electrical  
   Eq. & Parts

SERVICE INDUSTRIES

(Those industries which support other industrial activities)

Metal Cans  
 Cardboard Containers  
 Heat Treating  
 Castings - Ferrous and Non-Ferrous  
 Patterns - Master patterns and matched  
   patterns of wood and metal  
 Electro-plating - hard and porous chrome,  
   zinc, copper and other metals  
 Magnetic Inspection  
 Dye Check Inspection  
 Ductal Iron Facilities  
 Other Alloy Irons

Machining (production or job work)  
 Jigs and Fixtures  
 Grinding and Finishing  
 Tooling  
 Press Braking  
 Power Shearing  
 Punch Pressing  
 Screw Machine Products  
 Gears and Pinions  
 Material Handling Equipment  
 Galvanizing

Other supporting services available to industry:

Industrial Laundries  
 Catering Services  
 Consulting Engineers  
 Management Consultants  
 Architects

Advertising Agencies  
 Aerial Mapping  
 Truck and Automobile leasing  
   facilities  
 Printing and Graphic Arts

Also, the facilities and services of Southwest Research Institute, one of the most complete non-profit research organizations in the United States, are available on a contractual basis.

### C. INDUSTRIAL ACTIVITIES AT KELLY AIR FORCE BASE

Although Kelly Air Force Base is a governmental installation, it is San Antonio's leading industry. Kelly Air Force Base employs over 24,000 civilian personnel in its massive aircraft repair and maintenance shops.

Activities at Kelly include the complete overhaul, maintenance and modification of both piston driven and jet aircraft; overhaul of aircraft engines; repair of intricate electronics equipment and electrical accessories such as radar, electronic firing systems, radios, etc.

Kelly also has a complete machine and sheet metal shop capable of manufacturing most types of aircraft parts which might not be readily available from private sources.

Included in Kelly's skills are:

	<u>Total Employed</u>
Aircraft Engine Overhaul	935
Aircraft Overhaul	840
Aircraft Propeller Overhaul	15
Armament Work	47
Construction and Maintenance Supervising	9
Electrical Installation and Maintenance	1,308
Electronic Equipment Installation and Maintenance	1,930
Fluid Systems	430
Food Preparation and Serving	72
General Equipment Maintenance	1
Industrial Equipment Maintenance	267
Industrial Equipment Operation	288
Instrument Overhaul	166
Lithographing, Printing and Reproduction	97
Machine Tool Work	1,015
Manual Labor	294
Manufacture, Repair and Industrial Support Supervising	44
Masonry and Plastering	8
Mechanical Parts and Components Work	112
Metal Processing	307
Metal Work	1,115
Mobile Equipment Maintenance	113
Mobile Equipment Operation	825
Packing and Processing	383
Painting	205
Pipefitting	90
Plastic Work	57
Railroad Maintenance	1
Railroad Operation	3
Rubber Work	40
Textile and Leather Work	67
Warehouse Work	2,081
Wire Communications Installation and Maintenance	27
Woodwork	342
Administrative, Clerical and Technical White Collar Employees	11,328
TOTAL	24,862



Note: Does not include personnel assigned to Hq. USAF Security Service, Kelly AFB

Source: Civilian Personnel Division, San Antonio Air Materiel Area, Kelly AFB, November, 1967

#### D. NEW PLANTS

Some of the larger industries which have established plants in San Antonio within the past few years are as follows: American Can Company; San Antonio Chemicals, Inc.; Gaylord Container Company; Dixie Form and Steel Company; Alamo Automotive Service; Automotive Service, Inc.; Hudson Corporation of Texas; Pak-Mor Manufacturing Company; Precision Manufacturing Company; Ready Door and Sales Corporation; Standard Brands; Barrett Division, Allied Chemical Corporation; Barrett Industries; Aggregate Plant Products Company; Alamo Hardwoods, Inc.; Texas Stressed Concrete Corporation; Perma-Lite Fiber Glass Division of Standard Electric Company; Sunshine Biscuit Company; Tar Gard Inc.; Columbia Industries, Inc.; Haddox Manufacturing Company; Alcor, Inc.; Whipped Foods, Inc.; Lytle Corporation; Forestier Sheet Metal Company; Wall Colmonoy, Inc.; McGregor-Doniger Company; D. H. Overmyer Warehouse Company; Turbine Support Division, Chromalloy-American Corporation; General Dynamics; K L N Steel Products Company; Chrome Plate, Inc.; UPCO, and Lockheed-Georgia Company.

#### E. RESEARCH LABORATORIES

1. Southwest Research Institute, located on a 460 acre campus, eight miles west of downtown San Antonio, is one of two independent institutions that form the Southwest Research Center. Southwest Research Institute, the larger of the two, is an internationally recognized non-profit corporation which works in the public interest in cooperation with industry, government and individuals to produce a better life through science and technology. Its staff of more than 1,000 scientists, engineers, and support personnel work on an annual research budget of nearly \$14 million.

The departments of the Institute give some idea of the broad scope of its sponsored research program:

- Department of Aerospace Propulsion Research
- Department of Applied Economics (located at SwRI in Houston)
- Department of Applied Electromagnetics
- Department of Applied Physics
- Department of Automotive Research
- Department of Chemistry and Chemical Engineering
- Department of Electronic Systems Research
- Department of Engines, Fuels, and Lubricants
- Department of Instrumentation Research
- Department of Materials Engineering
- Department of Mechanical Sciences
- Department of Physical and Biological Sciences
- Department of Structural Research
- Ocean Science and Engineering Laboratory (located in Corpus Christi)
- U. S. Army Fuels and Lubricants Research Laboratory

Although San Antonio is 150 miles from the sea, Southwest Research Institute is an active center of naval research. It was here that the world's first deep diving submarine, the Aluminaut, was conceived and designed. The Institute also has an active submarine and surface ship structure research program as well as a group which is studying the dynamics and power plant requirements of hydrofoil boats. It is also active in direction finder research programs for the United States military.

The Institute also has an active program in fuels and lubricant research for both automotive and aerospace uses which works with design groups concerned in both areas. The experience of the Institute staff, together with the wide range of fine equipment available, led the U. S. Army to locate its Fuels and Lubricants Research Laboratory on the campus. This facility, owned by the Government, is managed and staffed by Southwest Research Institute personnel.

The Institute is also known for its nondestructive testing research which utilizes a variety of techniques including spectroscopy, ultrasonics, eddy currents and magnetics.

Food preservation, encapsulation and the use of gas chromatography to determine the presence of trace elements which may be clues to metabolic change are other areas of specialty.

Blast effect studies as well as industrial pressure vessel research are conducted in the special pressure chambers which are available here. The largest of these is able to develop pressures of 11,000 psi. Other unique facilities include an arc imaging furnace which generates temperatures up to 10,000 F. and specialized flame spread testing facilities.

2. Southwest Foundation for Research and Education is a not-for-profit basic biomedical research institution with a staff of 260 people and an annual research budget of \$3 million a year.

Southwest Foundation has three major research divisions:

The Division of Biological Growth and Development is divided into the Departments of Anatomy, Biochemistry, Molecular Biology, Organic Chemistry and the Department of Pharmacology and Toxicology.

The Division of Clinical Sciences consists of the Departments of Endocrinology, Clinical Pharmacology and Reproductive Physiology.

The Division of Microbiology and Infectious Diseases is made up of the Departments of Bacteriology, Mycology, Parasitology and Virology.

These three research divisions are supported by the Department of Animal Resources which is responsible for the care and maintenance of the large primate center that currently is made up of 900 baboons and 16 chimpanzees, plus a number of species of smaller monkeys, which are used in the different research programs at SFRE.

Southwest Foundation has just completed an extensive building program consisting of \$2.2 million of new laboratories and animal holding units.

3. The Aerospace Medical Division (AMD), one of the eight divisions and five development and test centers of the United States Air Force Systems Command, was founded in November, 1961, with headquarters at Brooks Air Force Base, Texas. This Division presently includes the USAF School of Aerospace Medicine and units of the 6570th Air Base Group at Brooks Air Force Base, Texas; the Wilford Hall USAF Hospital, the USAF Epidemiological Laboratory, and the 6570th Personnel Research Laboratory at Lackland Air Force Base, Texas; and these other base units: Detachment 1, 6570th Air Base Group at Kelly Air Force Base, Texas; 6570th Aerospace Medical Research Laboratories, at Wright-Patterson AFB, Ohio; 6571st Aeromedical Research Laboratory at Holloman AFB, N. Mex.; and the Fifth Epidemiological Flight in Manila, P. I.

The Aerospace Medical Division is one of the most progressive and far-flung medical, educational and research institutions in the Free World. Its threefold mission is research, education and clinical medicine, which is depicted on the Division's insignia; viz., *Perscrutari, Docere, Menderi.*

The total assigned personnel to this \$58.8 million dollar aerospace medical organization is 5,254 (facilities totaling \$47 million are located at Brooks and Lackland Air Force Bases, Texas). The 5,254 personnel includes 1,295 civilian, 1,027 officer, and 2,432 enlisted personnel.

Within the USAF School of Aerospace Medicine technical and professional personnel are employed in Aerospace Medicine, Clinical Psychology; Ear, Nose and Throat, Internal Medicine, Neuropsychiatry, Ophthalmology, Biometrics, Microbiology, Pathology, Pharmacology, Physiology and Biophysics, Radiobiology, Space Medicine, Clinical and Experimental Dentistry; Biodynamics, and many additional scientific and engineering specialties.



Among its many research activities, AMD conducts studies in visual problems of flight, medical standards in aviation, dynamics and environmental stresses encountered in space flights and weightlessness. The Division also provides bioastronautic support of the space programs of the National Aeronautics and Space Administration. In addition to the work done in its own laboratories, and in others associated with it, the AMD contracts for the accomplishment of specific research tasks with universities, medical schools and industrial organizations.

In education, the School of Aerospace Medicine provides academic training in all aspects of specialized aeromedical practice for selected physicians and nurses of the Air Force, Army, Navy and allied nations and bioastronautical training for aerospace research pilots. Intern, residency and a variety of other medical and dental educational programs are carried out at the 1,100-bed Wilford Hall USAF Hospital, the largest Air Force medical facility. Approximately 118 courses (103 officer, 15 airman medical technical courses; 33 courses conducted at USAFSAM, 84 at Wilford Hall USAF Hospital, and one at USAF Epidemiological Laboratory) are offered covering the various aspects of aerospace medicine at Wilford Hall USAF Hospital, the School of Aerospace Medicine and the Epidemiological Laboratory. Space medicine was introduced into the School curriculum in 1951. By 1961, the School's educational curricula introduced the term "Aerospace Medicine," a more descriptive designation for the space age. USAFSAM has graduated 13,899 officers and 5,438 airmen medical technicians from aviation and aerospace medical courses since 1918, the founding year of USAFSAM.

The AMD also provides medical care, aviation medical consultations for flyers, a medical disaster assistance team, epidemiological investigations and consultations and special diagnostic services to Air Force clinical laboratories. An important feature of the Consultation Services Program is the USAF electrocardiographic library established at the School in April 1957, which contains an electrocardiogram of each pilot, navigator and aircrew member in the United States Air Force, including today's astronauts. Flight surgeons from any USAF base in the world may write for help in interpreting electrocardiograms.

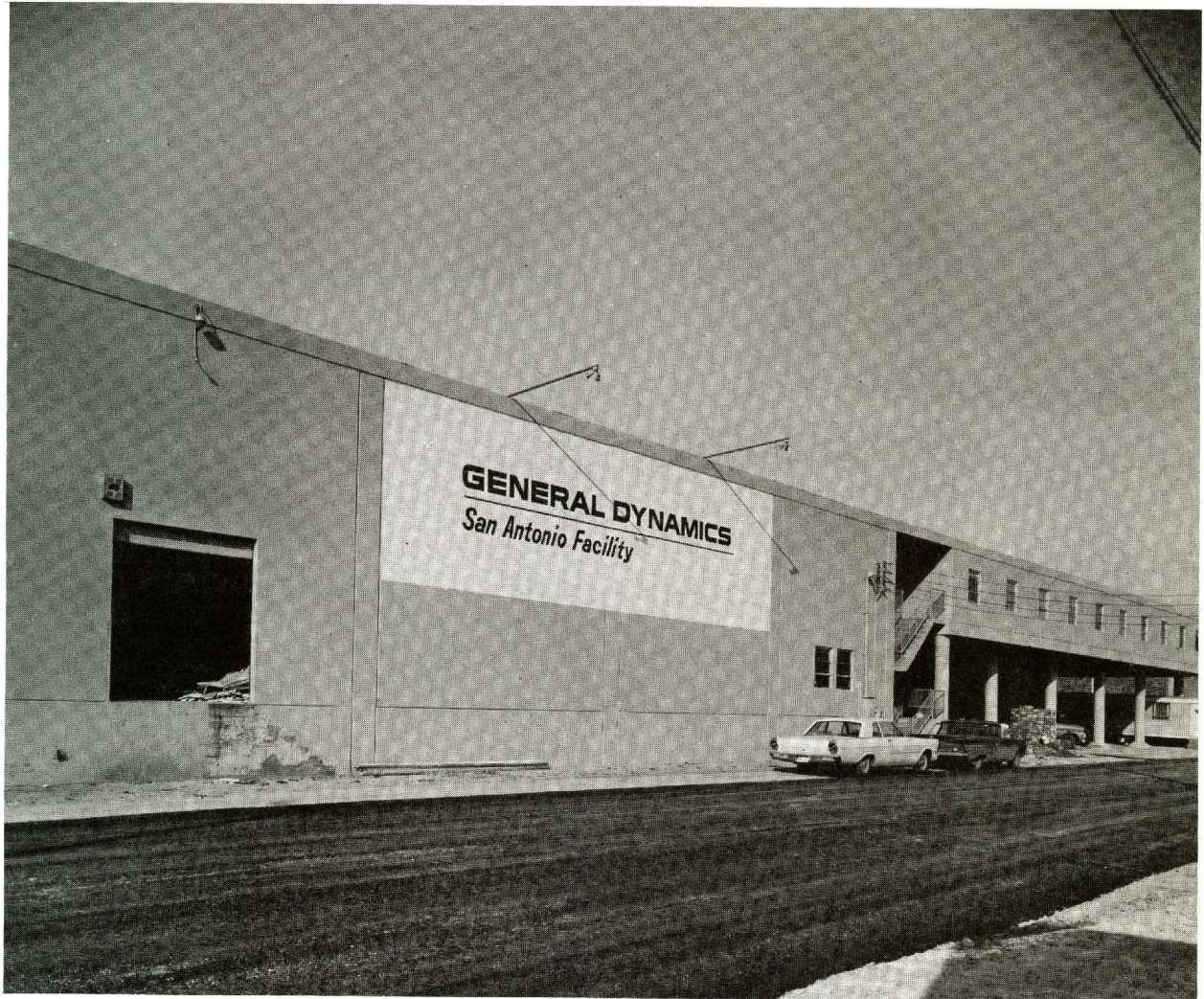
Regardless of man's usage of the Space environment, it is apparent that the Air Force Systems Command's Aerospace Medical Division and the practice of aerospace medicine will have a role in the conquest of the unknown.

4. The U. S. Army Surgical Research Unit at Brooke Army Medical Center, founded in 1947 to study military trauma and the management of surgical infections, is today one of the major burn study units in the world.

A staff of more than 100 conducts the laboratory and clinical investigation that have led to some significant advancements in the treatment of burns and acute kidney failure. Staff members care for patients from all of the Armed Forces in its specialized wards.

Burned patients are flown by Military Air Transport Services from Armed Forces installations all over the world to the unit for treatment. Or, a unit team of trained medical personnel, headed by a medical officer who is a burn specialist, flies to the scene of a fire, treats the patients and attends them on the flight back to the highly specialized care of the Surgical Research Unit Burn Ward at Brooke Army Medical Center.



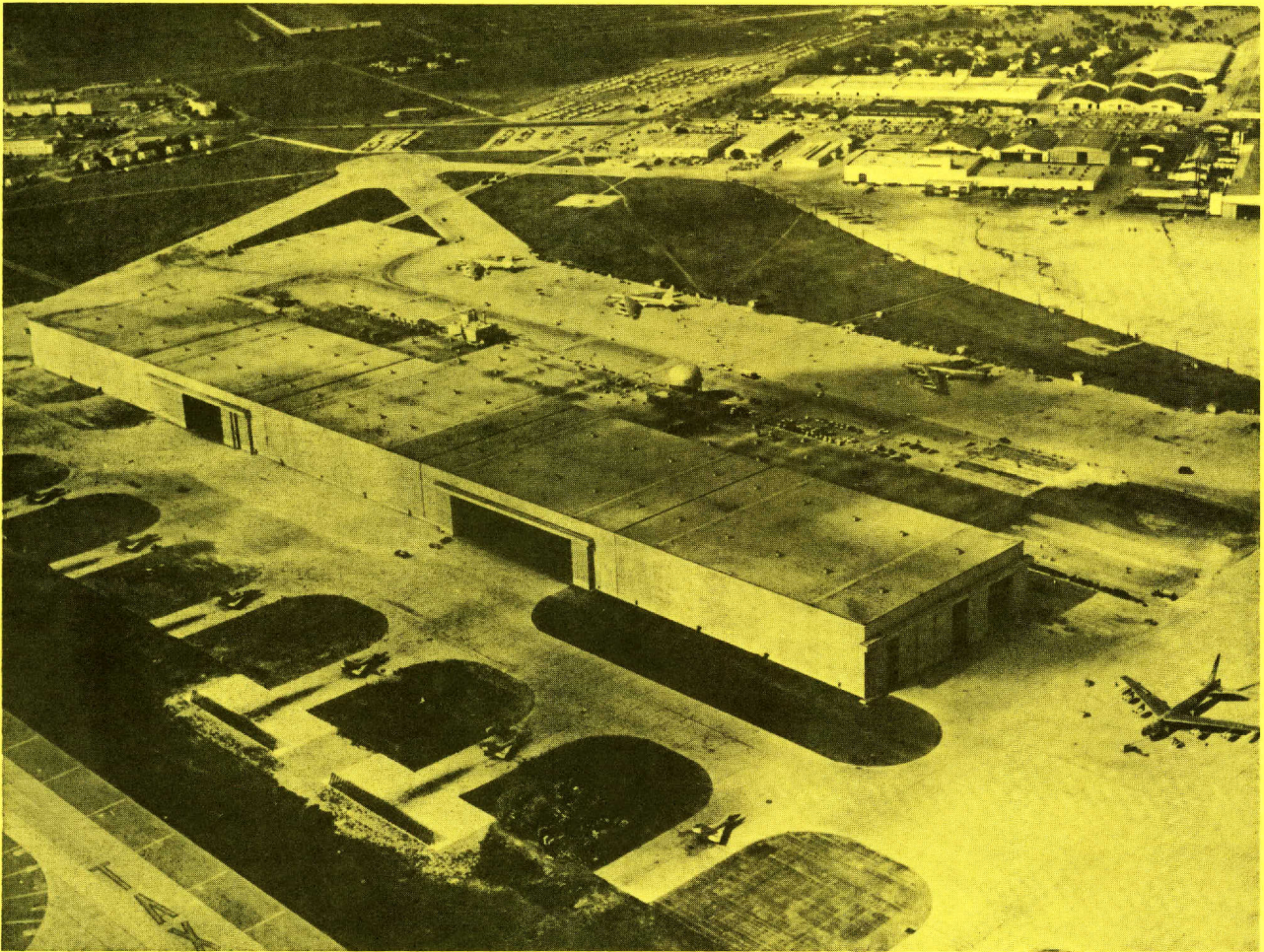


Major national industries such as General Dynamics and Lockheed have located facilities in San Antonio during the past year.



XI. EXHIBITS

- A. Work Stoppages in Selected Southern, Southwestern & Texas Areas
- B. Truck Delivery Time from San Antonio to Major Markets
- C. Electric Power Rates
- D. Natural Gas Rates
- E. San Antonio Manufacturing Firms Employing 100 and Over



Aircraft Maintenance Hangar at Kelly AFB. Twelve football games could be played inside the building, which is 2,000 feet long and 300 feet wide. San Antonio Air Material Area employs over 24,000 workers.



## Exhibit "A"

Work Stoppages in Selected  
Southern & Southwestern Metropolitan Areas  
1963 - 1964

Metropolitan Area	1964 Population	Work Stoppages		Man-Days Idle All Stoppages
		Number	Workers Involved	
Albuquerque, N. M.	310,500	5	380	2,470
Atlanta, Ga.	1,163,500	35	23,140	450,000
Baton Rouge, La.	261,900	20	5,670	56,400
Birmingham, Ala.	675,500	40	8,260	127,400
Denver, Colo.	1,087,200	33	8,050	107,600
Jackson, Miss.	247,600	5	1,040	30,500
Jacksonville, Fla.	517,700	17	3,690	158,600
Little Rock-North Little Rock, Ark.	271,000	17	3,160	19,280
Louisville, Ky.-Ind.	786,700	38	12,530	103,200
Memphis, Tenn.-Ark	759,400	21	4,730	56,500
Mobile, Ala.	405,000	12	3,090	5,920
New Orleans, La.	997,400	30	13,550	265,400
Oklahoma City, Okla.	590,800	13	460	4,850
SAN ANTONIO, TEXAS	797,600	*		
Tampa-St. Petersburg, Fla.	905,400	23	5,330	161,600

Work Stoppages in Selected  
Texas Metropolitan Areas  
1963 - 1964

Beaumont-Port Arthur	332,900	14	1,740	76,100
Corpus Christi	236,100	5	780	12,300
Dallas	1,310,600	21	4,790	48,000
Fort Worth	635,700	9	3,880	93,400
Galveston-Texas City	158,800	11	2,200	44,430
Houston	1,652,800	46	9,800	476,900
SAN ANTONIO	797,600	*		

NOTE: Includes data for each of the metropolitan areas that had 5 stoppages or more in each year.

\* Fewer than 5 stoppages each year.

SOURCES: Analysis of Work Stoppages 1963 and 1964, U. S. Department of Labor, Bureau of Labor Statistics, Bulletins No. 1420 and 1460. Sales Management Magazine, "Survey of Buying Power", June 10, 1965.

RESEARCH AND STATISTICS DEPARTMENT, SAN ANTONIO CHAMBER OF COMMERCE  
January, 1966

May 31, 1965

## CITY PUBLIC SERVICE BOARD

SAN ANTONIO, TEXAS

Exhibit "C"

Page 1

## RESIDENTIAL SERVICE

ELECTRIC RATE

## RE

**APPLICATION**

This Rate is applicable to all alternating current service for residential purposes only, to any customer whose entire residential requirements on the premises are supplied under this Rate at one point of delivery through one meter.

When a portion of a residence or household unit served through one meter is used for non-residential purposes, this Rate is not applicable. However, if the wiring is so arranged that the service for residential purposes and that for non-residential purposes are separately metered, this Rate is applicable to the service supplied for residential purposes.

This Rate is not applicable to service for hotels, rooming houses, boarding houses, dormitories, or to premises used for other than residential purposes.

This rate is not applicable when more than four residential units are served through one meter.

**TYPE OF SERVICE**

The types of service available under this Rate are described in the Board's Electric Service Standards. When facilities of adequate capacity and suitable phase and voltage are not adjacent to the premises served or to be served, the required service may be provided under satisfactory arrangements with the Board.

**NET MONTHLY BILL**

## Rate

50¢ for the first 10 kwh

4.50¢ per kwh for the next 30 kwh

3.00¢ per kwh for the next 55 kwh

1.75¢ per kwh for the next 205 kwh

1.50¢ per kwh for all additional kwh

**ADJUSTMENTS**

Plus or minus 0.00133¢ per KWH for each whole 0.1¢ per million Btu by which the cost of fuel at generating stations owned and operated by the Board is above 22.3¢ or below 21.7¢ per million Btu, as shown by Account No. 1703 "Fuel" in the books of the Board's Electric Department for the second calendar month preceding the current meter reading date.

Plus or minus the proportionate part of any taxes or governmental impositions which are now assessed or may be assessed hereafter, and which are payable out of the revenues of the Electric and Gas Systems.

**MINIMUM BILL**

50¢. A higher minimum bill may be specified in Customer's Agreement for electric service. The Minimum Bill is not subject to reduction by credits allowed under the above adjustments.

**MULTIPLE RESIDENCE**

When more than one single-family residence or more than one household unit, up to a maximum of four, are served through one meter, the initial charge and the number of kwh billed in each block of the rate will be multiplied by the number of residence or household units served. The Minimum Bill will be 50¢ multiplied by the number of household units served.

**GROSS MONTHLY BILL**

The Gross Monthly Bill is 5% higher than the Net Monthly Bill and the gross billing amount will be charged if payment is not made within 10 days after statement is rendered.

**TERM OF SERVICE**

The term of service will be in accordance with the Board's Application and Agreement Forms.

**RULES AND REGULATIONS**

Service is subject to the Board's Rules and Regulations which are incorporated herein by this reference.



May 31, 1965

Exhibit "C"  
Page 2

## CITY PUBLIC SERVICE BOARD

SAN ANTONIO, TEXAS

# GENERAL SERVICE

ELECTRIC RATE

## PL

### APPLICATION

This Rate is applicable to alternating current service, for which no specific Rate is provided, to any customer whose entire requirements on the premises are supplied at one point of delivery through one meter.

This rate is not applicable (a) when another source of electric energy is used by the Customer or (b) when another source of energy (other than electric) is used for the same purpose or an equivalent purpose as the electric energy furnished directly by the Board, except that such other source of energy as mentioned in (a) and (b) may be used during temporary failure of the Board's electric service.

This Rate is not applicable to emergency, resale or shared service.

### TYPE OF SERVICE

The types of service available under this Rate are described in the Board's Electric Service Standards. When facilities of adequate capacity and suitable phase and voltage are not adjacent to the premises served or to be served, the required service may be provided under satisfactory arrangements with the Board.

### NET MONTHLY BILL

#### Rate

50¢ for the first 10 kwh

4.50¢ per kwh for the next 90 kwh

3.00¢ per kwh for the next 250 kwh\*

2.40¢ per kwh for the next 1,400 kwh

1.00¢ per kwh for the next 10,000 kwh

0.64¢ per kwh for all additional kwh

\*67 kwh are added to the 3.00¢ block for each kva of demand over 5 kva

### ADJUSTMENTS

Plus or minus 0.00133¢ per KWH for each whole 0.1¢ per million Btu by which the cost of fuel at generating stations owned and operated by the Board is above 22.3¢ or below 21.7¢ per million Btu, as shown by Account No. 1703 "Fuel" in the books of the Board's Electric Department for the second calendar month preceding the current meter reading date.

Plus or minus the proportionate part of any taxes or governmental impositions which are now assessed or may be assessed hereafter, and which are payable out of the revenues of the Electric and Gas Systems.

### MINIMUM BILL

50¢ plus 50¢ per kva of Demand over 5 kva. A higher minimum bill may be specified in Customer Agreement for Electric Service.

The Minimum Bill is not subject to reduction by credits allowed under the above adjustments.

### DEMAND

The Demand will be the kva as determined from the readings of the Board's demand meter for the 15-minute period of Customer's greatest kva use during the month. At the Board's option, kva may be computed (a) from the amperes supplied during the 15-minute period of maximum use during the month, as determined from the readings of the Board's ammeter and the nominal voltage of delivery or (b) from the kw supplied during the 15-minute period of maximum use during the month, as determined from the readings of the Board's demand meter and the power factor as determined by the Board at such times as it deems necessary.

### GROSS MONTHLY BILL

The Gross monthly Bill is 5% higher than the Net Monthly Bill and the gross billing amount will be charged if payment is not made within 10 days after statement is rendered.

### TERM OF SERVICE

The term of service will be in accordance with the Board's Application and Agreement Forms.

### RULES AND REGULATIONS

Service is subject to the Board's Rules and Regulations which are incorporated herein by this reference.

May 31, 1965

**CITY PUBLIC SERVICE BOARD**  
SAN ANTONIO, TEXAS

Exhibit "C"  
Page 3

# LARGE LIGHTING AND POWER SERVICE

ELECTRIC RATE

## LLP

### APPLICATION

This Rate is applicable to alternating current service, for which no specific Rate is provided, to any customer whose entire requirements on the premises are supplied at one point of delivery through one meter.

When another source of electric energy is used by the Customer or when another source of energy (other than electric) is used for the same purpose or an equivalent purpose as is the electric energy furnished directly by the Board, except during temporary failure of Board's service, the Board may at any time limit the supply of service to the Customer's maximum 15-minute demand occurring during the 12 months immediately preceding. Upon receipt of a written request from the Customer, the Board may at its option provide additional capacity.

This rate is not applicable to emergency, temporary, resale or shared service.

### TYPE OF SERVICE

The types of service available under this Rate are described in the Board's Electric Service Standards. When facilities of adequate capacity and suitable phase and voltage are not adjacent to the premises served or to be served, the required service may be provided under satisfactory arrangements with the Board.

### NET MONTHLY BILL

Rate  
4.50¢ per kwh for the first 3,000 kwh  
3.00¢ per kwh for the next 30 kwh per kw of demand  
2.00¢ per kwh for the next 20 kwh per kw of demand  
0.64¢ per kwh for the next 500,000 kwh  
0.48¢ per kwh for all additional kwh

### ADJUSTMENTS

Plus or minus 0.38% for each whole 1.0% by which the average monthly power factor is below or above 85% lagging. Leading power factor will be considered as unity.

Plus or minus 0.00133¢ per KWH for each whole 0.1¢ per million Btu by which the cost of fuel at generating stations owned and operated by the Board is above 22.3¢ or below 21.7¢ per million Btu, as shown by Account No. 1703 "Fuel" in the books of the Board's Electric Department for the second calendar month preceding the current meter reading date.

Plus or minus the proportionate part of any taxes or governmental impositions which are now assessed or may be assessed hereafter, and which are payable out of the revenues of the Electric and Gas Systems.

### MINIMUM BILL

The Minimum Bill shall be the charge for 100 kwh per kw of Demand or such higher minimum bill as may be specified in customer's Agreement for Electric Service, provided that when another source of electric energy is used or when another source of energy (other than electric) is used for the same purpose or an equivalent purpose as is the electric energy furnished directly by the Board, except during temporary failure of the Board's service, the Minimum Bill shall not be less than the charge for 100 kwh per kw of the highest of

- a. The maximum 15-minute kw demand which has occurred during the 12 months ending with the current month.
- b. The kw capacity provided by the Board by agreement with the Customer.
- c. 50 kw

The minimum bill is not subject to reduction by credits allowed under the above adjustments, except for power factor.

### DEMAND

The Demand will be the average of the highest 15-minute kw demands determined from the readings of the Board's demand meter during each of the following six periods: 29th day of one month to 3rd day of the following month, 4th day to 8th day of the month, 9th day to 13th day of the month, 14th day to 18th day of the month, 19th day to 23rd day of the month, 24th day to 28th day of the month.

The first and last periods during the billing month will be considered as beginning and ending, respectively, when meters are read.

Demand shall be not less than 50 kw or such higher minimum kw as may be specified in Customer's Agreement for Electric Service.

### GROSS MONTHLY BILL

The Gross monthly Bill is 5% higher than the Net Monthly Bill and the gross billing amount will be charged if payment is not made within 10 days after statement is rendered.

### TERM OF SERVICE

Service shall be supplied for an initial period of not less than one year and shall be continued from year to year unless a longer period is specified in the Agreement for Electric Service.

### RULES AND REGULATIONS

Service is subject to the Board's Rules and Regulations which are incorporated herein by this reference.



May 31, 1965

**CITY PUBLIC SERVICE BOARD**  
SAN ANTONIO, TEXAS

Exhibit "D"  
Page 1

**GENERAL SERVICE**  
GAS RATE

**G**

**APPLICATION**

This rate is applicable to gas service supplied through one metering station and used for domestic and commercial cooking and heating purposes.

**TYPE OF SERVICE**

Natural gas, at a nominal gauge pressure of four ounces per square inch. If metered as a pressure higher than four ounces, measurements will be adjusted to the equivalent of four ounces. When mains of adequate capacity and suitable pressure are not adjacent to the premises served or to be served, the required service may be provided under satisfactory arrangements with the Board.

**NET MONTHLY BILL**

Rate

50¢ for the first 400 cubic feet

6.8¢ per 100 cubic feet for the next 5600 cubic feet

6.0¢ per 100 cubic feet for the next 14,000 cubic feet

4.2¢ per 100 cubic feet for the next 380,000 cubic feet

3.6¢ per 100 cubic feet for all additional cubic feet

**ADJUSTMENTS**

Plus or minus the amount of change in the price of gas to the Board at the City Gate during the second calendar month preceding the current meter reading date above or below 21.75¢ per 1,000 cubic feet. The price change of gas at the City Gate shall be adjusted for a proportionate part of any increase or decrease in resulting legal or indenture charges or impositions payable out of revenue.

Plus or minus the proportionate part of any taxes or governmental impositions which are now assessed or may be assessed hereafter, and which are payable out of the revenues of the Electric and Gas Systems.

**MINIMUM BILL**

50¢. A higher minimum bill may be specified in Customer's Agreement for Gas Service. The Minimum Bill is not subject to reduction by credits allowed under the above adjustments.

**GROSS MONTHLY BILL**

The Gross monthly Bill is 5% higher than the Net Monthly Bill and the gross billing amount will be charged if payment is not made within 10 days after statement is rendered.

**TERM OF SERVICE**

The term of service will be in accordance with the Board's Application and Agreement Forms.

**RULES AND REGULATIONS**

Service is subject to the Board's Rules and Regulations which are incorporated herein by this reference.

**CITY PUBLIC SERVICE BOARD**  
SAN ANTONIO, TEXAS

**INDUSTRIAL GAS**  
RATE

**Class A**

**APPLICATION**

This rate is applicable to gas service supplied through one metering station for which no other rate applies.

The Board shall have the right at any and at all times without notice to the Customer, to immediately discontinue in whole or in part the supply of gas to Customer if, in the opinion of the Board, a continuation of supply will adversely affect, jeopardize or threaten the supply to the Board's domestic or commercial customers.

**TYPE OF SERVICE**

Natural gas, at a nominal gauge pressure of four ounces per square inch. If metered at a pressure higher than four ounces, measurements will be adjusted to the equivalent of four ounces. When mains of adequate capacity and suitable pressure are not adjacent to the premises served or to be served, the required service may be provided under satisfactory arrangements with the Board.

**NET MONTHLY BILL**

Rate  
\$12.00 for the first 20,000 cubic feet  
60¢ per 1000 cubic feet for the next 80,000 cubic feet  
42¢ per 1000 cubic feet for the next 100,000 cubic feet  
38¢ per 1000 cubic feet for the next 300,000 cubic feet  
32¢ per 1000 cubic feet for all additional cubic feet

**ADJUSTMENTS**

Plus or minus the amount of change in the price of gas to the Board at the City Gate during the second calendar month preceding the current meter reading date above or below 21.75¢ per 1,000 cubic feet. The price change of gas at the City Gate shall be adjusted for a proportionate part of any increase or decrease in resulting legal or indenture charges or impositions payable out of revenue.

Plus or minus the proportionate part of any taxes or governmental impositions which are now assessed or may be assessed hereafter, and which are payable out of the revenues of the Electric and Gas Systems.

**MINIMUM BILL**

\$12.00. A higher minimum bill may be specified in Customer's Agreement for Gas Service. The Minimum Bill is not subject to reduction by credits allowed under the above adjustments.

**GROSS MONTHLY BILL**

The Gross Monthly Bill is 5% higher than the Net Monthly Bill and the gross billing amount will be charged if payment is not made within 10 days after statement is rendered.

**TERM OF SERVICE**

Service shall be supplied for an initial period of not less than one year and shall be continued from year to year unless a longer period is specified in the Agreement for Gas Service.

**RULES AND REGULATIONS**

Service is subject to the Board's Rules and Regulations which are incorporated herein by this reference.



May 31, 1965

**CITY PUBLIC SERVICE BOARD**  
SAN ANTONIO, TEXAS

Exhibit "D"  
Page 3

**INDUSTRIAL GAS**  
RATE  
**Class B**

**APPLICATION**

This rate is applicable to gas service supplied through one metering station for fuel used (a) for industrial, manufacturing or processing purposes, or for steam generation for power purposes, including auxiliary apparatus used exclusively for manufacturing or processing purposes, (b) for heating and/or cooling plants; provided at least one unit of equipment fired for (a) or (b) above has an enclosed and vented burner having a rated or tested input capacity of 300 cubic feet per hour or more.

This rate is not applicable to gas supplied for;

- (1) generation of electricity
- (2) standby service
- (3) residential use

The Board shall have the right at any time and at all times, without notice to the Customer, to immediately discontinue in whole or in part the supply of gas to Customer, if in the opinion of the Board, a continuation of supply will adversely affect, jeopardize, or threaten the supply to Board's domestic or commercial customers, or will jeopardize or threaten the supply of gas to Class A industrial customers.

**TYPE OF SERVICE**

Natural gas, at a nominal gauge pressure of four ounces per square inch. If metered at a pressure higher than four ounces, measurements will be adjusted to the equivalent of four ounces. When mains of adequate capacity and suitable pressure are not adjacent to the premises served or to be served, the required service may be provided under satisfactory arrangements with the Board.

**NET MONTHLY BILL**

Rate

- \$12.00 for the first 20,000 cubic feet
- 36¢ per 1000 cubic feet for the next 80,000 cubic feet
- 30¢ per 1000 cubic feet for the next 100,000 cubic feet
- 26¢ per 1000 cubic feet for the next 300,000 cubic feet
- 24¢ per 1000 cubic feet for all additional cubic feet

**ADJUSTMENTS**

Plus or minus the amount of change in the price of gas to the Board at the City Gate during the second calendar month preceding the current meter reading date above or below 21.75¢ per 1,000 cubic feet. The price change of gas at the City Gate shall be adjusted for a proportionate part of any increase or decrease in resulting legal or indenture charges or impositions payable out of revenue.

Plus or minus the proportionate part of any taxes or governmental impositions which are now assessed or may be assessed hereafter, and which are payable out of the revenues of the Electric and Gas Systems.

**MINIMUM BILL**

\$12.00. A higher minimum bill may be specified in Customer's Agreement for Gas Service. The Minimum Bill is not subject to reduction by credits allowed under the above adjustments.

**GROSS MONTHLY BILL**

The Gross Monthly Bill is 5% higher than the Net Monthly Bill and the gross billing amount will be charged if payment is not made within 10 days after statement is rendered.

**TERM OF SERVICE**

Service shall be supplied for an initial period of not less than one year and shall be continued from year to year unless a longer period is specified in the Agreement for Gas Service.

**RULES AND REGULATIONS**

Service is subject to the Board's Rules and Regulations which are incorporated herein by this reference.

May 31, 1965

Exhibit "D"  
Page 4

**CITY PUBLIC SERVICE BOARD**  
SAN ANTONIO, TEXAS

**INDUSTRIAL GAS**  
RATE  
**Class C**

**APPLICATION**

This rate is applicable to gas service supplied through one metering station for fuel used (a) for industrial, manufacturing or processing purposes, or for steam generation for power purposes, including auxiliary apparatus used exclusively for manufacturing or processing purposes, (b) for heating and/or cooling plants; provided at least one unit of equipment fired for (a) or (b) above has an enclosed and vented burner having a rated or tested input capacity of 300 cubic feet per hour or more.

This rate is not applicable to gas supplied for;

- (1) generation of electricity
- (2) standby service
- (3) residential use

The Board shall have the right at any time and at all times without notice to the Customer to immediately discontinue in whole or in part the supply of gas to Customer, if in the opinion of the Board, a continuation of supply will adversely affect, jeopardize or threaten the supply to Board's domestic or commercial customers, or will threaten the supply of gas to Class A and Class B industrial customers.

**TYPE OF SERVICE**

Natural gas, at a nominal gauge pressure of four ounces per square inch. If metered at a pressure higher than four ounces, measurements will be adjusted to the equivalent of four ounces. When mains of adequate capacity and suitable pressure are not adjacent to the premises served or to be served, the required service may be provided under satisfactory arrangements with the Board.

**NET MONTHLY BILL**

Rate

- 23.5¢ per 1000 cubic feet for the first 30,000,000 cubic feet  
22.0¢ per 1000 cubic feet for all additional cubic feet

**ADJUSTMENTS**

Plus or minus the amount of change in the price of gas to the Board at the City Gate during the second calendar month preceding the current meter reading date above or below 21.75¢ per 1,000 cubic feet. The price change of gas at the City Gate shall be adjusted for a proportionate part of any increase or decrease in resulting legal or indenture charges or impositions payable out of revenue.

Plus or minus the proportionate part of any taxes or governmental impositions which are now assessed or may be assessed hereafter, and which are payable out of the revenues of the Electric and Gas Systems.

**MINIMUM BILL**

\$141.00. A higher minimum bill may be specified in Customer's Agreement for Gas Service. The Minimum Bill is not subject to reduction by credits allowed under the above adjustments.

**GROSS MONTHLY BILL**

The Gross Monthly Bill is 5% higher than the Net Monthly Bill and the gross billing amount will be charged if payment is not made within 10 days after statement is rendered.

**TERM OF SERVICE**

Service shall be supplied for an initial period of not less than one year and shall be continued from year to year unless a longer period is specified in the Agreement for Gas Service.

**RULES AND REGULATIONS**

Service is subject to the Board's Rules and Regulations which are incorporated herein by this reference.



SAN ANTONIO  
MANUFACTURING CONCERNS  
HAVING  
100-249 EMPLOYEES

<u>FIRM</u>	<u>PRODUCT</u>	<u>EXECUTIVE</u>	<u>ADDRESS</u>
Acme Iron Works	Road Rollers	Hudson Ingram	540 Culebra 78201
Aggregate Plant Products	Materials Handling Equip.	John E. Ingram	442 N. WW White Rd. 78219
Alcor Aviation, Inc.	Aircraft Engine & Fuel System Instruments	Al Hundere	5420 Bandera Rd. 78238
Auge, Ed, Packing Co.	Meat Packing	Edward C. Auge	1305 S. Brazos 78207
Aztec Ceramics Co., Div of Texstar Corporation	Glazed Tile	F. L. Ledlow	4735 E. Commerce 78219
Barkel, Inc.	Furniture	Gerald Barnholtz	2055 W. Malone 78225
Barrett Industries	Concrete Pipes	Thurman Barrett, Jr.	2718 Military Dr., S.W. 78224
Bimbi Manufacturing Co.	Shoes	Berco Rosin	901 E. Houston St. 78205
Bohnet's, Mrs., Bakery, Inc.	Bakery	Mrs. Ethel C. Bohnet	219 Meerscheidt 78203
Bordon Company, The	Dairy Products	Lon Green	875 E. Ashby Pl. 78212
Capitol Cement, Div. of Capitol Aggregates, Inc.	Cement	Wesley E. Bonifay	Route 13, Box 142 78209
Carnation Company	Dairy Products	O. A. Carriere	103 Blanco 78212
Ceco Corporation, The	Steel Products	Bill J. Talley	8031 Broadway 78209
Chrome Plate, Inc.	Electric Plating	David C. Davidson	9503 Middlex 78217
Clarke Printing Company	Commercial Printing	Albert J. Carr	5101 S. Zarzamora 78211
Crown Zellerbach Corporation	Corrugated Shipping Containers	James W. Craft	2907 E. Commerce 78220
Dixie Form & Steel Co., Div. of Texstar Corporation	Steel Forms	W. D. Tiner	P. O. Box 18267 78218
Esskay Manufacturing Co.	Boys' Clothing	David Salik	122 Stribling St. 78204
Facs Company, Inc., The	Corn & Potato Chips	Fred A. Cunningham	422 Carolina 78210
Farah Manufacturing Co., Inc.	Men's and Boy's Slacks	Pablo Dow	1000 Frio City Rd. 78207
Foree Manufacturing Co., Inc.	Clothing	Harry I. Eisenstein	301 S. Flores St. 78204
Frank, Sol, Uniforms, Inc.	Military & Band Uniforms	Irving Frank	517 E. Houston 78205
Frito-Lay, Inc.	Corn & Potato Chips	Hugh Brown	1420 Roosevelt 78210
Gary Aircraft Corp.	Aircraft Parts	A. W. Stewart	8339 San Pedro Ave. 78216
Gebhardt Mexican Foods Co., Div. of Beatrice Foods	Food Products	W. P. McCarthy	1910 S. Laredo 78207
Howell Refining Co.	Petroleum Refining	P. N. Howell	7811 S. Presa 78221
Judson's Inc.	Candy	George Judson	831 S. Flores St. 78204
KLN Steel Products Company	Steel Furniture	K. R. Ladensohn	Perrin-Beitel Rd. 78218
K. O. Steel Castings, Inc.	Steel Castings	J. M. Kincaid, Jr.	2915 S. Zarzamora 78225
Kaiser Cement & Gypsum Corp., Longhorn Cement Div.	Cement	Gaines Voigt	Rt. 13, Box 714 78209
Keuffel & Esser Co.	Aerial Cameras & Camera Equipment	D. D. Vanwie	8123 Broadway 78209
Knowlton's Creamery	Dairy Products	Lloyd Knowlton	1314 Fredericksburg Rd. 78201
Lasso Western Wear, Inc.	Western Apparel	Sam Sinkin	6623 S. Zarzamora 78211
Melton Provision Co., Inc.	Meat Packing	E. K. Melton, Jr.	1717 S. Brazos 78207
Metzger Dairy of San Antonio	Dairy Products	H. Fred Staacke	1430 N. Flores St. 78212
Miller Curtain Co., Inc.	Curtains & Draperies	Fred Miller	1602 Centennial 78211
Mosher Steel Co.	Steel Fabrication	A. L. Kincheloe	647 N. WW White Rd. 78219
Petty Laboratories, Inc.	Precision Instruments	Scott Petty, Jr.	Tower Life Building 78205
Pioneer Flour Mills	Flour, Meal, Mixes	Alfred G. Beckmann	129 E. Guenther 78204
Prassel Manufacturing Co.	Store Fixturers, Millwork	G. Prassel	300 Olmos Drive West
Rainbo Baking Company of San Antonio	Bakery	W. R. Palmer	1919 N. Comal St. 78212
Rath Packing Co., The	Meat Packing	Jack O. Dietz	2959 E. Commerce 78220
Redondo Manufacturing Co., Inc.	Stone & Tile Casting	Joe B. Sutcliffe	150 Heimer 78213

Reliance Engineering & Manufacturing Co.	Hospital Equipment	Ed McMahon	101 Laredo Hwy. 78207
San Antonio Portland Cement Co.	Cement	C. Baumberger, Jr.	7531 Broadway 78209
San Antonio Printing Company	Printing	William C. Clegg	130 Soledad 78205
Seven-Up Bottling Corporation	Soft Drinks	V. L. "Slim" Sanderford	1623 N. San Marcos 78201
Southern Steel Co.	Jail and Prison Equipment	Hull Youngblood, Jr.	4634 S. Presa 78223
Steves Sash & Door Co., Inc.	Window & Door Units	Marshall T. Steves	201 Humble 78225
Tampo Manufacturing Co., Inc.	Road Const. Machinery	Sam Bill Steves	1146 W. Laurel 78201
Tex Son, Inc.	Children's Clothing	H. Franzel	419 S. St. Mary's 78205
Texas Pharmacal Company	Pharmaceutical Products	Arthur W. Mueller	307 E. Josephine 78215
Texas Tiny Frocks, Inc.	Children's Clothing	Charles I. Castro	211 S. Flores St. 78204
Texas Trunk Company, Inc.	Luggage & Trunks	William H. Arlitt, Jr.	1024 S. Laredo 78207
Vaughan, George C., & Sons	Cabinets, Windows & Door Units	Curtis T. Vaughan, Jr.	201 N. St. Mary's St. 78205

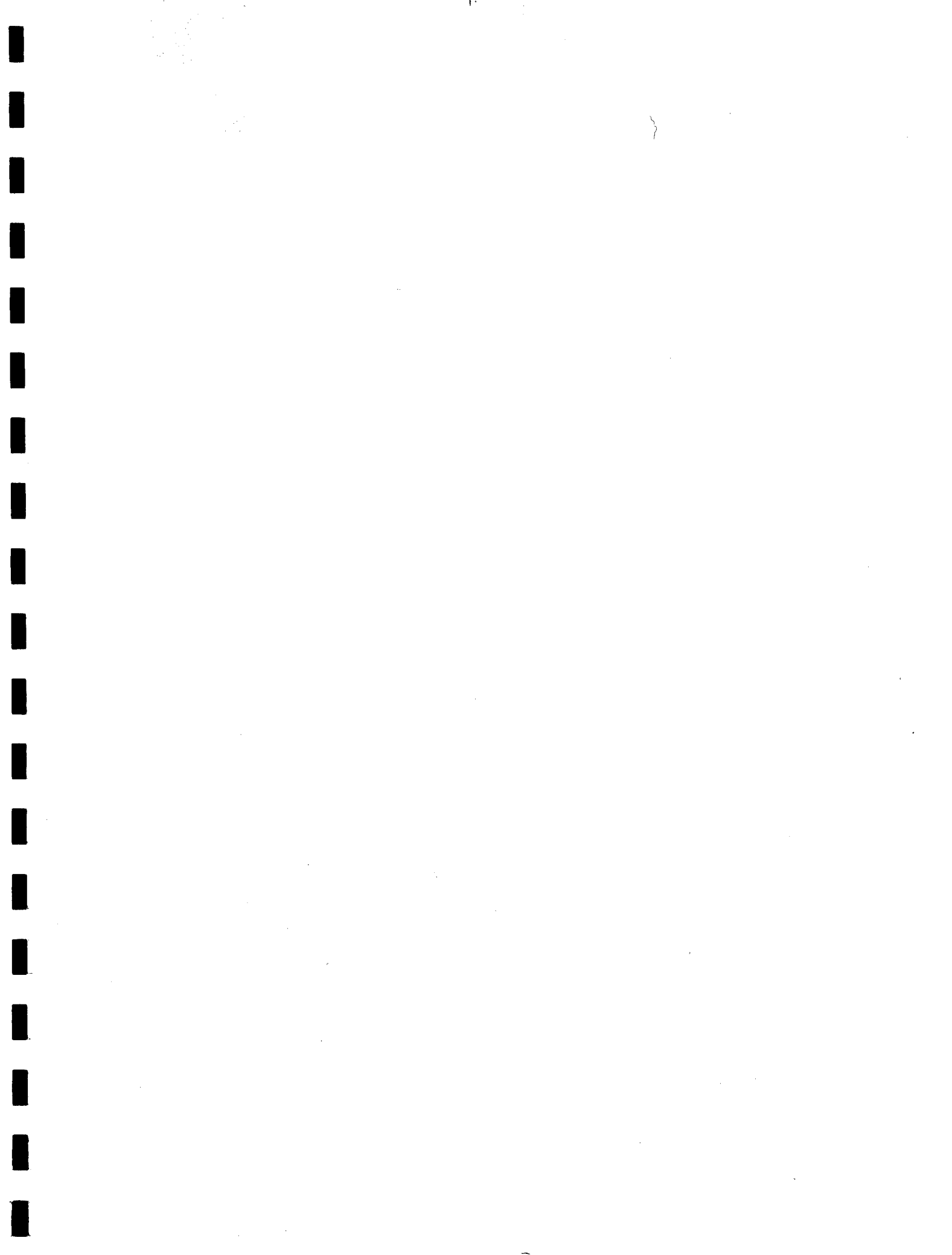
## 250 - 499 EMPLOYEES

Ace Manufacturing Co., Inc.	Military Hats, Sports Hats & Caps	Mr. Albert Lewis	702 W. Nueva 78207
Aldon, Inc., Div. of McGregor Doniger Corp.	Women's & Men's Sweaters	Ted Domke	400 Centennial 78211
Coca Cola Bottling Co. of San Antonio	Soft Drinks	A. M. Biedenbarn, Jr.	162 Exposition Dr. 78219
Colonial Cake Co., Inc.	Bakery	Edd Crabtree	2000 N. WW White 78239
Cudahy Packing Co., The	Meat Packing	Elmer Fulkerson	1545 S. San Marcos 78207
J. B. Manufacturing Co.	Men's Shirts, Ladies' Blouses	Bernard Richie	Cantrell Drive
Juvenile Manufacturing Co., Inc.	Children's Clothing	Harold M. Scherr	6818 S. Zarzamora 78224
McDonough Bros., Inc.	Crushed Limestone	John S. McDonough	Fredericksburg Rd. 78228
Reynolds, R. J., Company (Patio Foods)	Food Products	H. E. Stumberg, Jr.	2600 SW Military Dr. 78224
Richter's Bakery	Bakery	Herman J. Richter, Jr.	2201 Broadway 78215
San Antonio Light (Hearst Publications, Inc.)	Newspaper	Frank Bennack	420 Broadway 78205
San Antonio Packing Co., Inc.	Meat Packing	Santos F. Reyes, Jr.	2000 S. Laredo 78207
Standard Electric Co., Inc.	Storage Batteries, Battery Separators	Leo Dubinski	3016 Austin Hwy 78239
Swift & Co.	Meat Packing	K. W. Bruder	1901 S. San Marcos 78207
Universal Bookbindery, Inc.	Bookbinding	Leo Pickhard	815 Avenue B 78215

## 500 and OVER EMPLOYEES

AIC Corp., Friedrich Div.	Air conditioners and cml. Refrigerators	H. R. Bryant	1117 E. Commerce 78205
Alamo Iron Works	Fabricated Structural Steel	E. A. Holmgreen	Montana & Hoefgen 78203
Express Publishing Co.	Newspapers	Conway Craig	Avenue E & Third 78205
Finesilver Manufacturing Co.	Work Clothing	M. & H. Finesilver	816 Camaron St. 78212
Lone Star Brewing Co.	Beer	Harry D. Jersig	600 Lone Star Blvd. 78204
Pearl Brewing Co.	Beer	A. J. Range	312 Pearl Parkway 78215
Roegelein Provision Co.	Meat Packing	W. Roegelein	1700 S. Brazos 78207
Swearingen Aircraft	Aircraft	E. J. Swearingen, Jr.	International Airport 78216
Turbine Support Div., Chrom-alloy-American Corp.	Jet Engine Repair & Coating	Martin Epner	4430 Director 78219
Wall Colmonoy Corp.	Aircraft Parts Coating & Brazing	Marvin E. Baker	2226 Malone W. 78225

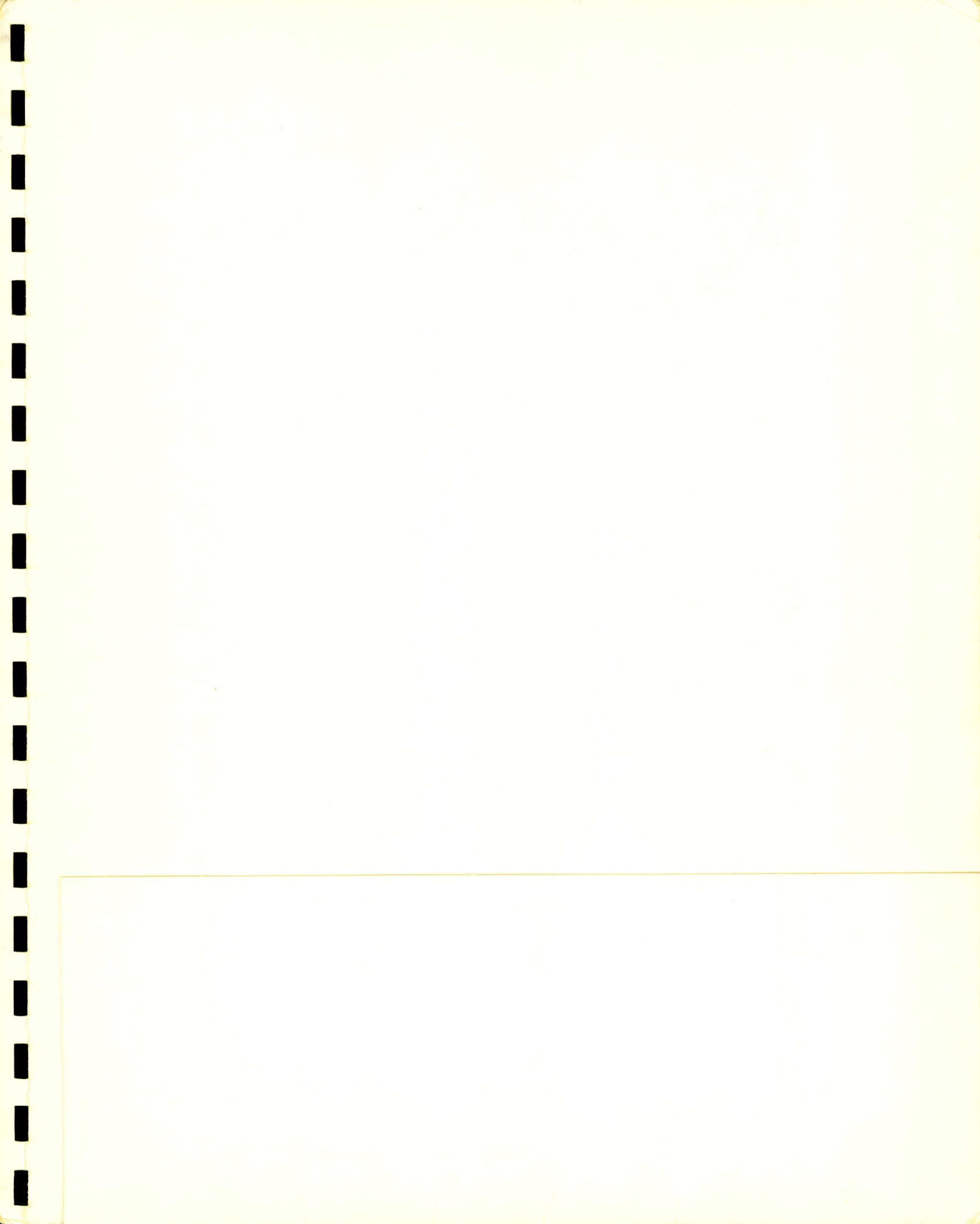




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San Antonio Chamber of Commerce  
Economic Development Department  
602 E. Commerce Street