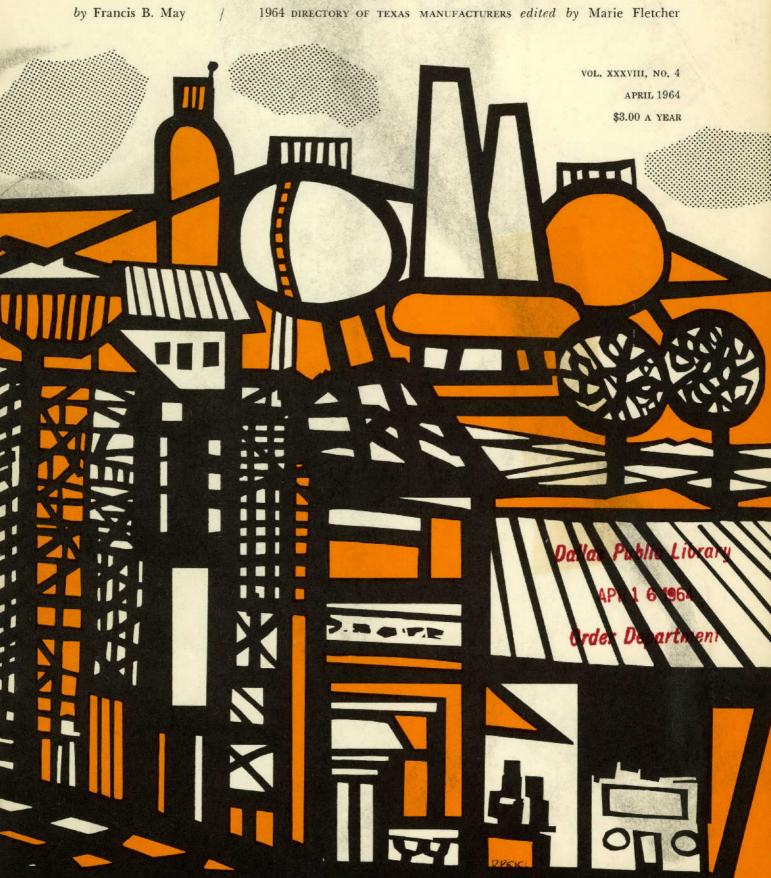
TEXAS BUSINESS REVIEW

A Monthly Summary of Business and Economic Conditions in Texas BUREAU OF BUSINESS RESEARCH: THE UNIVERSITY OF TEXAS

NEW CONCEPT IN INDUSTRIAL DEVELOPMENT by James J. Kelly / THE BUSINESS SITUATION IN TEXAS by Francis B. May



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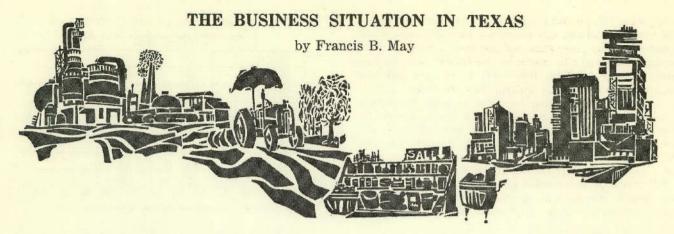
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IN FEBRUARY THE SEASONALLY ADJUSTED INDEX OF TEXAS business activity rose to a historical high of 146.6% of its average value during the 1957-59 base period. This was the second consecutive monthly peak for the index, for its January value of 142.9% was also a record high. The 3% increase in February over January placed the index 10% above its February 1963 value. Increases in a majority of the barometers of Texas business show that the upturn was widely diffused among all of the sectors of the state's economy.

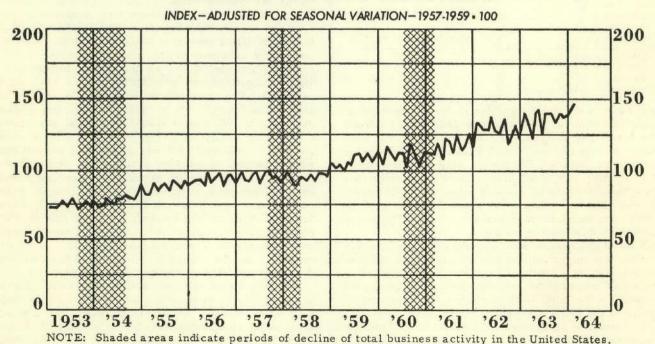
Miscellaneous freight carloadings rose 1% in February after seasonal adjustment. At 78.2% of its 1957-59 monthly average value the index was at its highest level since October of last year. It was the highest February value since 1961. This index has a long way to go in order to attain its high of 137.9% in April 1948; however, the average value for 1963 exceeded its 1962 average, reversing a long decline. It appears that vigorous efforts by the rails to be more competitive are paying off. As a result of the income tax reduction, the nation's railroads

are planning to raise their investment expenditures onefourth higher this year than in 1963. More than threefourths of this outlay is allocated to equipment. This is a postwar record for this proportion. Better rolling-stock and faster schedules will put the rails in a much better position to compete in the transportation market.

Seasonally adjusted production of crude petroleum production declined 2% in February. At 96.6% of its 1957-59 monthly average the index was 5% above February 1963. United States production in February was up 1.1% above February 1963. Total United States imports of crude oil were 4.3% above February 1963. February refined products imports were 5.8% above the comparable 1963 month. End-of-the-month stocks of crude oil were 0.4% higher for February than the comparable 1963 figure.

Total new oil wells completed, total footage drilled, and wildcats completed in January for all areas of the country were above January 1963 levels. Total wells drilled were 3,741, up 5.1% over January 1963. At 16,462,955 feet, total footage drilled was up 7.8%. Total wildcats in Jan-

TEXAS BUSINESS ACTIVITY



uary were 740, up 20.3% over the comparable 1963 month. Of the 740 wildcats, 675 (or 91%) were dry holes which yielded nothing more than perhaps some geological information that might be useful in the future. Data on January drilling are from *World Oil*. It appears that 1964 will be a better year for drilling than 1963 was.

An increase in drilling is needed in order to increase United States petroleum and natural gas reserves. Between 1961 and 1962 proved reserves of crude oil in this country declined 369.3 million barrels. In only one year since 1951 have crude oil reserves increased by as much as a billion barrels. This was in 1959. In 1957, 1960, and 1962 consumption exceeded additions to reserves, resulting in a decline in total reserves. The largest addition to reserves resulting from discoveries of new fields and of

SELECTED BAROMETERS OF TEXAS BUSINESS

(1957-59=100)

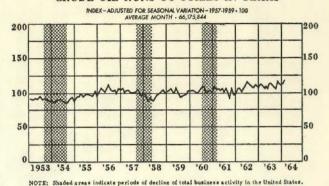
			Percent change				
Feb 1964	Jan 1964	Feb 1963	fro	m		om	
Texas business activity146.6	142.9	132.8	+	3	+	10	
Miscellaneous freight carload-							
ings in S.W. district 78.2	77.6	75.8	+	1	+	3	
Crude petroleum production 96.6*	98.3*	92.21	-	2	+	5	
Crude oil runs to stills	112.4	111.5	+	4	+	5	
Total electric power consumption 153.1*	149.8*	138.81	+	2	+	10	
Industrial power consumption 144.4*	135.3*	128.71	+	7	+	12	
Bank debits	144.3	133.1	+	2	+	11	
Ordinary life insurance sales156.5	141.4	131.1	+	11	+	19	
Total retail sales	125.8*	118.91	-	2	+	4	
Durable-goods sales126.5*	143.5*	123.51	-	12	+	2	
Nondurable-goods sales 122.0*	116.7€	116.61	+	5	+	5	
Urban building permits issued 129.0	130.3	139.5	-	1	_	8	
Residential	122.6	115.3	30-	6		**	
Nonresidential	150.2	175.9	+	2	-	13	
Total industrial production125*	122	116r	+	2	+	8	
Total nonagricultural employment							
in Texas	109.8r	107.71	+	1	+	3	
Manufacturing employment in							
Texas	107.7r	104.41	+	1	+	4	
Average weekly earnings-			es 0)	70	-751	- 177	
manufacturing	114.7r	110.4		80	+	4	
Average weekly hours-							
manufacturing	99.7r	100.5	+	2	+	1	
			1		- 20		

Adjusted for seasonal variation.

new pools in old fields since World War II occurred in 1949. The total for that year was 890.4 million barrels. The lowest postwar addition from this source was 253.9 million barrels in 1960. The 1962 addition was 380.6 million barrels. Data for 1963 are not available, Since World War II the principal additions to new oil reserves have come from revisions of previous estimates of oil content of reservoirs and extensions to known fields. We must intensify our search for new domestic reserves. This means a substantial increase in drilling.

Natural gas reserves have not declined at any time during the postwar period, but new discoveries are less than consumption by a substantial margin. Extensions and revisions of estimates for old fields have made up the difference in the past. With production at more than 13 trillion cubic feet a year in 1962 and steadily increasing, new discoveries must come at a faster rate. This, too, means more drilling.

CRUDE OIL RUNS TO STILLS IN TEXAS



A 4% increase in the seasonally adjusted index of crude oil runs to stills in February placed this index at an all-time high of 116.8% of its 1957-59 monthly average. This level was 5% above February 1963. February demand for distillate fuel oil was down from the corresponding 1963 month, according to data gathered by the petroleum department of the Chase Manhattan Bank. February 1964 weather was normal, but February 1963 was an unusually cold month. February gasoline demand was 1.2% greater than the same month of last year. Residual fuel oil demand was down from the February 1963 volume but not as greatly as distillate fuel oil demand. As a result of high February refinery runs, inventories of gasoline were up 1%, of kerosine were up 26.7%, and of distillate fuel oil were up 28.4%. High inventories of distillate fuel oil have resulted in price weakness. Midwest and West Coast gasoline prices dropped also. At the end of February gasoline inventories totaled 211 million barrels. This was 50.3 days' supply at the February average daily rate of consumption.

An analysis of month-to-month and year-to-year changes reveals only short-run variations in the petroleum producing and refining industries. Data on annual consumption of energy fuels and energy from waterpower published in the Monthly Petroleum Statement of the U.S. Bureau of Mines show that crude oil provided 32.3% of the enegry consumed in this country in 1945. In 1963 crude oil provided 37.3% of the energy consumed. In 1945 dry natural gas provided 12.6% of the energy consumed. This percentage increased to 29.7% in 1963. An additional 1.5% of energy consumption in 1945 and 3.4% in 1963 were provided by natural gas liquids, a co-product of dry natural gas. The 5% drop in crude oil between 1945 and 1963 was absorbed by natural gas, which absorbed in addition a substantial share of the market formerly supplied by bituminous and anthracite coal. The low price, convenience, and cleanliness of natural gas have made it an irresistible competitor in boiler fuels and space-heating markets. It cannot compete with gasoline as fuel for automobiles, but it has caused a drop in consumption of bituminous coal from 46.5% of energy consumed in 1945 to 21.7% in 1963. Anthracite has dropped from 4.2% in 1945 to 0.8% in 1963.

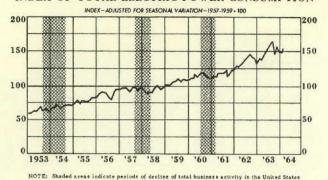
February consumption of total electric power and of industrial electric power both experienced gains over January after seasonal factors were taken into account. Total power consumption rose 2% to a value of 153.1% of average monthly consumption during the 1957-59 base

^{*}Preliminary.

rRevised.

^{**}Change is less than one-half of 1%,

INDEX OF TOTAL ELECTRIC POWER CONSUMPTION



period. This was the highest February value in the his-

tory of this index. Industrial power consumption rose 7% over January to 144.4% of average base-period consumption, an all-time peak for this index. Rapidly growing power consumption is indicative of a rapidly growing economy.

ELECTRIC POWER CONSUMPTION

			Percent change				
Use Feb*	Jan* 1964	Jan* Feb† Feb 1964 1964 1963 from		Feb 1964 from			
Thousa	nds of kilow	att hours	Jan 1964	Feb 1963			
TOTAL4,904,602	5,092,744	4,447,700	- 4	+ 10			
Commercial 763,221	791,149	722,335	- 4	+ 6			
Industrial 2,998,553	3,011,502	2,671,358	**	+ 12			
Residential 1,014,283	1,154,825	958,258	- 12	+ 6			
Other 128,545	135,268	95,749	— 5	+ 84			
Otner 128,545	135,268	95,749	- 5	+			

^{*}Preliminary—based on reports of 10 electric power companies reported to the Bureau of Business Research and leveled to Federal Power Commission preliminary data.

†Revised to preliminary Federal Power Commission data.

*Change is less than one-half of 1%.

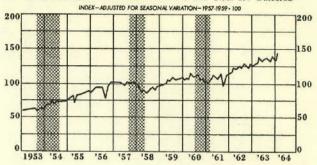
Seasonally adjusted sales of ordinary life insurance were 11% above January and 19% above February of last year. At 156.5% the index level was second only to its all-time peak of 165.0 in October 1963. It was the highest February value in the history of the index.

The seasonally adjusted index of total retail sales declined 2% in February because of a drop in sales of durables. A rise in sales of consumers' nondurables of 5% was not sufficient to counteract the drop in sales of durables. A comparison with February 1963 shows all three indexes to be above their year-ago levels.

Urban building permits issued in February declined 1% after seasonal adjustment to a value 8% below February 1963. A drop in residential permits caused the decline. Nonresidential permits rose but not enough to prevent the drop in the index of total permits. Declines in authorizations for both single-family residences and apartments caused the drop in residential permits. Although below its January value, the index of total urban permits in February was the second highest in the history of this index. It was exceeded only by the very high reading of 139.5% registered in February 1963.

The seasonally adjusted index of industrial production for the state prepared by the Dallas Federal Reserve Bank rose 2% in February to 125% of its 1957-59 aver-

INDUSTRIAL ELECTRIC POWER USE IN TEXAS



NOTE: Shaded areas indicate periods of decline of total business activity in the United States.

age. It was 8% above February 1963 and an all-time high for the index. All components of the index contributed to the increase.

Total nonagricultural employment in the state rose 1% in February after allowance for seasonal factors. This index and others measuring employment and earnings in Texas are based on data provided by the Texas Employment Commission. Manufacturing employment matched the 1% increase in total nonagricultural employment.

BUSINESS ACTIVITY INDEXES IN 20 TEXAS CITIES (1957-59=100)

				Percent	chang	ge
	Feb 1964	Jan 1964	Feb 1963	Feb 1964 from Jan 1964	Feb fre Feb	om
Abilene1	23.8	134.6	117.6	- 8	+	5
Amarillo1	44.0	150.5	124.4	- 4	+	16
Austin1	69.6	155.6	165.4	+ 9	+	3
Beaumont1	30.6	140.8	110.3	_ 7	+	18
Corpus Christi1	22.3	123.1	116.1	- 1	+	5
Corsicana1	22.9	110.6	116.7	+ 11	+	5
Dallas1	59.0	143.9	149.9	+ 10	+	6
El Paso1	13.8	128.8	111.2	- 12	+	2
Fort Worth1	18.1	123.0	113.9	- 4	+	4
Galveston1	05.8	111.9	94.2	- 5	+	12
Houston1	57.5	148.7	131.0	+ 6	+	20
Laredo	43.7	138.1	136.1	+ 4	+	6
Lubbock1	61.6	187.8	141.2	- 14	+	14
Port Arthur1	03.3	111.1	96.2	- 7	+	7
San Angelo1	21.2	134.3	111.5	- 10	+	9
San Antonio1	34.5	140.2	131.9	- 4	+	2
Texarkana1	66.1	161.7	131.7	+ 3	+	26
Tyler	27.8	131.6	114.0	— 8	+	12
Waco1	34.6	136.4	127.5	- 1	+	6
Wichita Falls1:	23.8	127.7	116.4	— 3	+	6

Adjusted for seasonal variation.

Average weekly earnings in manufacturing in February were less than one-half of 1% above January after allowance for seasonal influences. They were 4% above February 1963.

Average weekly hours in manufacturing rose 2% on a seasonally adjusted basis to a value of 101.8% of 1957-59. At this level the index was 1% above February 1963.

The table of seasonally adjusted business activity indexes in twenty Texas cities showed gains in February for six cities, including Dallas and Houston, and losses in fourteen. A comparison with February 1963 showed gains for all twenty.

NEW CONCEPT IN INDUSTRIAL DEVELOPMENT

by James J. Kelly

Managing Editor, Texas Business Review

MOST OF THE CITIZENS OF TEXAS WHO WENT TO THE POLLS on February 15, 1876 were cotton farmers and ranch hands. They voted in the social and economic climate being maintained by the Old South conservative forces that had finally succeeded in wresting control of the state from northern sympathizers. The economic base of the state was agriculture. Industrial growth—oil and manufacturing—was still far in the future. It is widely held that the state constitution adopted that day was written from a philosophy of protecting the state and its citizens from Reconstruction "carpetbaggers." The new constitution was exceptionally long, filled with statutory as well as constitutional provisions, and it included, among many others, the concept embodied in Section 59 of Article XVI.

No Appropriation for Immigration—The Legislature shall have no power to appropriate any of the public money for the establishment and maintenance of a bureau of immigration or for any purpose of bringing immigrants to this State.

It is this section which is generally believed to have been written to discourage the influx of Northern carpetbaggers, however, clauses with similar language and intent were written into the constitutions of several other states not involved in the Reconstruction Era.

This section of the constitution had a profound, long-term effect; it was interpreted to prohibit the state government from attracting either tourists or new industry. The result was that industrial development and tourist attraction activities became a function of individual communities and business firms interested in promoting the economic well-being of relatively small, specific localities.

Now Texas must compete. Industry in the United States has been expanding rapidly since the end of World War II. According to a recent study of the Texas Research League, all of the United States now have some type of state-financed industrial development program, but the majority of these programs are of recent originmost of them date back no further than 1945. The oldest program, that of Mississippi, was initiated in 1936. The competition between states for new industry and branch plant locations has forced almost every state government to increase budget and staff for industrial development efforts. Texas was the last state to appropriate funds to the job of attracting new industries. Although a latecomer, the state has managed to produce a concept that may very well provide the future pattern in industrial development for other states to follow.

The normal method of approach employed by industrial development agencies in most other states involves a tight control by the state agency of the whole sequence of events from advertising, contacting the prospect, researching his needs, showing him available sites, making financial arrangements, and helping find answers to the myriad questions and problems attendant on plant location. The theme of these endeavors seems to be "Once you have found him, never let him go."

Texas took a different tack. The state has vast distances and significant differences in topography, climate, natural resources and in ethnic and cultural background of its people. Because of this diversity and because the state government was prohibited from advertising to immigrants, the problem of attracting industry to Texas had been dealt with by industrial development groups formed by and interested in the local community. It has been estimated that in excess of 1,000 organizations in Texas were involved in prospecting for new plants when the constitutional amendment was passed in 1958 permitting the state to advertise Texas' natural resources. Chambers of commerce, utility companies, banks, and railroads sometimes cooperated, but more frequently competed, with each other for the coveted business firm attracted by the possibility of manufacturing or distributing its products in the state.

When the Texas Industrial Commission was given a fulltime staff in 1962, this vigorous, if diverse, industrialization effort was being conducted in the state by local authorities. The Texas Industrial Commission took the position of complementing and coordinating existing development programs. Now, after two years of operation under this philosophy, the unique relationship between the state industrial development agency and the many local organizations throughout the state is paying dividends. So effective has been the program since its inception that a recent survey showed that Texas had advanced to second place in the nation in acquisition of new plants during 1963.

In recognition of the rapid development of the program, the state of Texas was selected winner of the 1963 Professional Trophy Award, presented annually by the Society of Industrial Realtors to the state or Canadian province with the most effective industrial development program. In making the award the Society representatives wrote that the Commission, under the direction of Chairman E. B. Germany of Grand Saline and Executive Director Harry W. Clark, had "developed an imaginative, vigorous industrial development program." Texas, the judges wrote, had made great industrial development progress without benefit of any type of state financial assistance to industry, common in many other states. One judge said, "The Texas program is sound all around and is faced with a very considerable problem composed of space, diverse economies, and small budget. Ingenuity is required, and its use is evident in many features of the program. Private enterprise is a principal feature, and the program is structured to gain momentum over the years."

Most of the problems involved in developing an industrial program for Texas derive primarily from the size and diversity of the state. It is to the credit of the Commission and to the earlier investigative work of the Texas Research League that the state has been able to turn some of the difficulties to advantage. Much work remains to be done.

The biggest problem, that of coordinating and complementing, is compounded by size and diversity. It has been mentioned above that more than 1,000 industrial developers are—at the city, county, or regional level—engaged in industrial development programs. These efforts range from part-time to full-time and are conducted at all levels

RESPONSES TO THE 1963 ADVERTISING PROGRAM, TEXAS INDUSTRIAL COMMISSION

State	Number of responses
New York	95
California	
Ohio	45
Pennsylvania	34
Illinois	, .88
Massachusetts	
New Jersey	30
Connecticut	29
Michigan	
Indiana	14
Missouri	14
Minnesota	13
Wisconsin	18
Virginia	12
Oklahoma	11
Florida	1.0
Maryland	10 .
Tennessee	10
Georgia	9
North Carolina	9
Alabama	
Iowa	7
Canada	7
Colorado	
Kansas	4
Washington, D. C.	4
Arizona	3
Mississippi	3
Nebraska	3
Washington	, . , 3
Delaware	
Kentucky	2
Louisiana	
New Hampshire	2
Oregon	2
Rhode Island	
Arkansas	1
Idaho	
Hawaii	1
Maine	1
North Dakota	
South Carolina	1
Vermont	
Mexico	1

Source: Texas Industrial Commission.

of sophistication. The state unquestionably has the largest number of development programs in the nation.

Texas has 21 metropolitan areas and 840 incorporated communities scattered over 263,513 square miles. How is the question answered when an out-of-state industrialist asks about power rates in Texas? Consider that here are 12 major investor-owned electric utility companies, 56 municipally owned power plants, 3 state river authorities, 54 REA and 3 Federal power plants, and 17 major natural gas distributing companies. There is no easy answer.

Despite growing acknowledgment of the importance of industrial development to the state and heightened competition between the various states, public funds currently appropriated in Texas for industrial development are extremely limited. The Industrial Commission has total resources of \$179,733 a year to carry out all program activities, a sum considerably smaller than many other aggressive industry-seeking states spend for this purpose.

A factor which to some degree tends to obscure the importance of industrial development in the minds of some people is a clinging ruralism still reflected in some parts of the state. Texas has been economically fortunate in the past with such bonanzas as a sound agricultural base, a thriving cattle industry, incredible petroleum wealth, and an abundance of lucrative defense installations. With this strength over several decades, the state has been slow to recognize the urgency of developing diversified industry.

Not only is Texas big, but it offers a challenging puzzle of widely diversified economic factors. The economic base of the state has been broadened to contain such income producers as agriculture, mining, manufacturing, tourist trade, federal government installations, and foreign exports. Particular development problems often arise because of the special interest of these various fields.

Social conditions are as diversified as economic conditions. Texas was originally settled by ethnic, national, and religious groups, and even today many cities and regions have close social and cultural ties to the original settlers. The development interest of these groups is varied and often creates problems.

The state's continued population growth, plus its dramatic shift of population from rural areas to metropolitan centers has spawned another type of problem. Most new plants tend to locate in a few metropolitan centers, further complicating development problems in those areas and aggravating the serious challenge of declining small-town and rural population. Last year, more than half of all new plants went to Harris, Dallas, and Tarrant counties.

Many of these problems can be dealt with by state and local industrial organizations, but the problem of education is one which demands a wider, deeper approach. The purpose of industrial development is, of course, to improve the economic well-being of the residents of the community by providing more payrolls and ultimately a growth in personal income. Per capita personal income in Texas, even though showing a consistent rise each year, has never been as high as that for the United States. During the decade of the 1950's, income in Texas remained at a level between 85% and 90% of per capita income in the nation. Increased industrialization of the state is one answer to this problem. Improvement of tourist business is another.

But the effort to raise incomes in the state must go deeper than economic development. The accompanying chart shows the relation between per capita income in each of the United States and the educational level of the people of the state. This very clear, positive correlation points to the need for continued effort to improve the educational level of all Texans. Industrialization implies a higher level of competence to deal with the concepts of new technology; an improved competence is needed at all levels of the labor force from the physical scientist producing electronic gear for space vehicles to the worker in the new, automated food canning plant.

The site selection factors of climate and general social and cultural amenities are relatively important to an ex-

panding or relocating manufacturer. In many cases, research into these factors goes no further than the impression held by the company's officials of the general nature of the locality under consideration. For many in other states, Texas connotes a picture of desert wasteland with a few gaunt steers in the foreground and scattered derricks of an oil field on the horizon. There is a less clearcut, but nonetheless widely held, impression of intellectual and cultural barrenness evoked with this picture. Overcoming this erroneous impression is a foremost prerequisite, not only to industrial development, but also to tourist attraction activities.

Ultimately, industrial development comes face to face with the problem of finding the prospect. Research is being conducted by many firms of the feasibility of establishing or relocating a plant and of where to put it. As this research goes forward, every development agency in the country and many outside, are attempting to tell the story of their own localities. The competition is active, and the prospect is often reluctant to be discovered. Finding him requires ingenuity, perseverance, energy, and experience. The members and staff of the Texas Industrial Commission are well aware of the myriad problems attendant upon the conduct of a thorough industrial development program. The prize winning entry submitted by the Commission to the Society of Industrial Realtors stated the operational policy under which the program would be conducted.

Fully recognizing these factors, and with the aim of avoiding duplication of effort, the Texas Industrial Commission has as basic policy concentrated in two program areas: (1) Complementing and coordinating existing broad-scale and highly effective development programs already being conducted by private business and local communities, and (2) Providing an information center through which a state advertising program can be administered and from which important factual data pertinent to all phases of industrial development may be obtained.

In so directing its efforts, the Commission has adopted a most interesting and unique concept under which its role is that of an "activist consultant." In so doing, it has been able to effectively perform as the catalyst which helps mobilize and activate the impressive team of development talent to maximum utilization. Under the concept, the Commission carries out a positive program, sometimes initiating, sometimes executing—at times "carrying the ball" if the ball needs carrying—but more often "coaching" to encourage others to carry the ball.

When the problems have been identified and clearly understood and policy stated in such a way as to deal with those problems, there remains the identification of the key groups and the choice of programs and media which will most effectively motivate those groups to act.

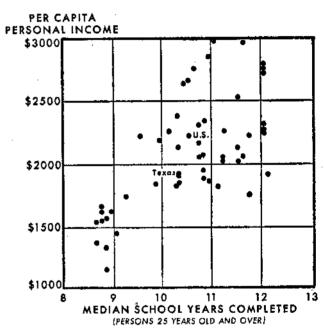
Working from the policy of complementing and coordinating and providing a center of information, the Texas Industrial Commission has identified the following as the principal targets for the state agency's industrial development programs.

(1) Community development agenices. This group con-

sists of chambers of commerce and industrial development foundations—city, county, and regional. There are estimated to be more than 600 such organizations in the state.

- (2) Private development agencies. There are 280 professional development personnel at work in Texas; 63 of these are members of the Society of Industrial Realtors, and the remaining 217 are full-time professional developers.
- (3) Industrial firms located in Texas. The 1964 Directory of Texas Manufacturers lists more than 10,500 manufacturing plants in Texas. A large number of these plants has the potential for expansion—either in the present community or in another Texas location. In addition to expansion of existing plants, there is the real possibility of increasing employment by expansion of markets overseas. Texas is in a fortunate position to expand the export of manufactures and of agriculture and mining.

EDUCATIONAL LEVEL AND PER CAPITA INCOME, UNITED STATES, 1960



(4) Industries located outside of Texas. Of the innumerable firms with expansion potential, there exist a large number that can be attracted to Texas to take advantage of existing markets, raw materials, amenities, and other site location factors. In the context of the policies of the state industrial development effort, the problem of prospecting takes a relatively less important position to the problem of communication and education directed to the state's many development organizations.

An outline of the programs of the Texas Industrial Commission provides a working blueprint of activities for any agency involved in industrial development. It is incumbent upon those concerned with the effort in Texas communities to understand fully all the benefits and services available from the state agency. Every development organization in the state should be fully informed of all the activities being conducted in their behalf so that they may derive full value from the efforts of the Commission.

TIC Organization and Programs

The Texas Industrial Commission is headed by Chairman E. B. Germany of Grand Saline. The Commission is composed of 8 other members. The executive director is Harry W. Clark, and assistant executive director is Bill R. Shelton.

The executive director of the Commission is primarily responsible for the external functions of the agency, such as meeting with private industrial development executives, developing and interpreting the agency program, speaking and writing on industrial development, and coordinating the efforts of private groups in the field. Some of his time is devoted to encouraging other groups to undertake and underwrite research problems related to industrial development. In short, he is the liaison for efforts to attract new industry and to encourage expansion of existing industry.

The assistant executive director is responsible for production; he acts mainly in a supporting capacity dealing with routine matters internal to the operation of the agency. He supervises production of the newsletter. It is his responsibility to explore new research projects for which the executive director can then find the necessary talent and funds. The community coordinators report to the assistant executive director. The assistant executive director is charged with handling the bulk of day-to-day office routine.

Each activity of the Commission has been designed to implement the policy established, and it is possible to identify each program with the group toward which it is aimed. Since there are many programs which reach more than one audience, the list that follows is arranged in general order to follow the interests of communities now engaged in industrial development or contemplating the initiation of a program.

Community Coordinators. The principal effort of the Commission in reaching the local industrial effort is achieved by the community coordinators. Two full-time staff employees are assigned the job of working with the communities of Texas in their local industrial development programs. The state is divided by a line from Dallas-Fort Worth through San Antonio to Corpus Christi. Allen Searight works with communities to the west of the line, and Tom McKeown works with communities to the east. Special attention is paid to the economic problems of the smaller communities. These men divide their time equally between Commission offices and field work.

Community Profile. A standard, one-sheet form is recmended to the communities which contains essential industrial development information. More than 200,000 community profile sheets have been distributed by the Commission. These can be used as supplementary pieces for industrial solicitation or as educational pieces for local use by service station attendants, and others who might have contact with the public.

Operation TIPS, Texas Industrial Planning Seminars. Since September 1963, Texas communities have been invited to participate in an all-day planning seminar devoted to their specific problems. These one-day meetings held in Austin at the Capitol present specific ideas, suggestions, plans, and programs for local action. Governor Connally, TIC staff members, and officials of other state departments all participate in these seminars aimed at

giving advice and counsel designed specifically for the participating community.

Economic Planning. The Commission has prepared and distributed a 32-page brochure entitled Goals for Texans. This is a projection of the industrial potential of Texas during the fifteen-year period, 1962-1977. Each of the Standard Industrial Classifications of industry is projected from its 1962 status in the number of plants and employees to its potential in 1977. Information is given as to the basis of the projection, and suggestions are indicated as to how this growth might be obtained. Local regional groups are using this as a guide for the development of their own "goals."

IDEAS Newsletter. This monthly, 4-page newsletter is sent to a list of more than 1,400 interested individuals and organizations. Reported are new industries locating in Texas, and information on conferences, meetings, books, articles, and other data of value to industrial developers.

Finance Seminar. In cooperation with the Texas Mortgage Bankers Association, a state-wide, one-day seminar was held to outline methods of securing capital mortgage financing by local development groups. More than 150 interested local leaders attended this session and received expert counseling on methods of financing for local industrial development efforts. Since Texas is one of the few states without any public financing for industrial site and building acquisition, the Commission played the role of catalyst in bringing interested groups together for the benefit of local effort.

Suspect List. On a regular basis the Commission offers a list of names and addresses of respondents to the national advertising program. Local and regional groups use this for follow-through with their own material. An industrial request for confidential handling is respected and these prospects are not distributed by this medium.

Inquiry Forwarding Sheets. Upon receipt of bona fide requests for specific economic information, inquiry forwarding sheets are individually prepared for distribution. These sheets provide as much detailed information as available about the inquiring firm so that local or regional groups filling the economic requirements of the prospect may follow through with personal contact. If the prospect requests the withholding of his name, the sheet is coded, and information from the local groups is forwarded through the TIC office. This program has received favorable acceptance and is indicative of the overall theme of the Commission to encourage action to come from the local and regional groups rather than from the state agency.

Texas Products Week. Through a vast public exposition of Texas products in Dallas and with many special sections in Texas newspapers, public attention is focused on the importance of existing industries, and the consumer is urged to buy Texas-made goods.

Relations with Industry. The Commission urges communities to maintain close ties with present industry. Commission personnel have been able to correct widespread cases of lack of communication or association between firms and communities. Improvement in such relations have resulted in significant expansion plans, along with more healthy industrial and community relations.

Export Expansion. Through the U. S. Department of Commerce, sets of industrial information and literature on Texas were distributed to the 270 commercial libraries in

U. S. consulate offices throughout the world. Similar sets were given to the 12 foreign consulate offices maintained in Texas. One of the Commission members and the executive director are members of the U. S. Department of Commerce Regional Export Expansion Council. Active interest in the affairs of the council give the commission exposure to export trade opportunities which in turn are passed along to local and regional groups for their own trade promotional benefits. During the year the commission had opportunities on three occasions to participate in official functions relative to visits by Colombian, Scottish, and British delegations to Texas cities. This cooperation again expressed the broad scope of state and local cooperation.

National Advertising. Three themes were used to tell the Texas story in paid advertising media. "One Call Covers All Texas" was used in single-shot media advertising such as the Texas edition of The American Banker, Plant Location, Texas Almanac, and other one-time publications. The intent of this program was to portray the TIC office as the central information center for all Texas. Another theme, "10,000 BC," was used in four separate ads. An artist's concept of archeological drawings depicted the stability of natural resources, markets, no income taxes, and plentiful water in Texas. Very favorable coupon response was received when the ads appeared in such national magazines as Business Week, Wall Street Journal, Industrial Development, Texas Parade, Industrial Research, Harvard Business Review, Dun's Review, and Industrial Property Guide. The theme of "salient location factors" was also used in these national magazines and newspapers, stressing the advantages of customers, transportation, education, and research all to be found in Texas. Coupon response to these ads has been favorable.

Direct Mail Advertising. The Commission used five mailings, (1) Industrial Executives Coloring Book contains 24 pages stressing site location factors. Distribution of 5,000 copies of the book received complimentary articles in Business Week and Area Digest. (2) Texas Bonus Stamp Book was mailed at the height of the trading stamp's popularity. Each of 9 stamps depicted an economic advantage of Texas. The completed book earned the industrialist an "Interim Texas Citizenship" certificate signed by the Governor. Follow-up mailings were used. (3) 10,000 BC is an accordion-fold brochure depicting resources of the state. A mailing of 4,100 brochures was made following the national media advertising program with this theme. (4) "Texas Common Market" was the theme of a multicolored mailer given wide distribution in order to convey that Texas, too, has a common market. (5) Texas Parade Magazine is mailed, as complimentary subscriptions, to a selected list of 5,000 industrialists. This monthly magazine contains a number of stories and articles on Texas history, resources, and amenities. An insert contains notice of the gift subscription, and a business reply card invites further inquiry into the industrial advantages of Texas. Another 12,000 mailings are sent to other out-of-state industrialists by utilities, banks, railroads, and community development groups.

Special Industrial Studies. Working with other state departments, college and university agencies, and with private groups, the Commission staff has on several occasions prepared studies directed toward a particular plant location problem of an industrial prospect. A study

entitled "Comparison of Taxes in Louisiana and Texas" was prepared and submitted to a prospect requesting the information. This service indicates the interest of the Commission in the individual problems of the separate communities of the state.

Industrial Contact Tours. On three occasions during the year, staff members accompanied regional groups on industrial contact trips. On one of the trips, the chairman of the Commission represented the state of Texas. Although the trips were not official functions of the Commission, participation was made as a part of the team concept of Commission operations.

Industrial Data Library. Several hundred routine and often detailed inquiries each year are handled by the Commission staff. Where practical, local and regional groups are contacted for specific information on their area for relaying to the industrial inquirer.

Aviation Service. On occasion a staff member who is a licensed pilot has flown industrialists and local community development leaders over prospective plant site areas. This program has proven to be quite effective in expediting the "on-site inspection" phase of site selection by industrial prospects.

Bob Hope Takes a New Look at Texas. A sound and color film with original songs and lyrics and narrated by Bob Hope is in the final stages of preparation. The film is to be released over a five-year period to 5,000 theatres by a national distribution company. The purpose of this is to project the true image of modern, cosmopolitan Texas and to help erase the popular misconception that Texas is a state only of cowboys and Indians. Local participation was secured in the financing of this film, again demonstrating the joint state-local cooperative effort.

"11 Decades of Industrial Progress." A 76-slide presentation with narration, originally prepared for use during Texas Products Week, is being made available to local groups for educational purposes among their own people.

Task Force. The Texas Legislature appropriated \$18,000 per annum for special use in assisting Texas communities to secure new industries. Upon approval of the Governor, all or part of these funds can be used for professional services, travel, and presentations by the Commission. Specific use can be made for these items by the Commission in behalf of a Texas community vying with one or more communities in another state for a specific industrial firm. Recently the Governor approved the use of the Task Force and sent a delegation to St. Paul, Minn., to consult with officials of the Minnesota Mining & Manufacturing Co. Although the company was considering an Oklahoma location, the mission of the Task Force was successfully completed, and the 3M Co. came to Texas.

Operation WATS. Through the use of Wide Area Telephone Service the staff of the Commission is in direct telephone contact with the almost 1,000 local and regional industrial development groups in Texas.

It can readily be seen that the programs of the Commission range full cycle with the emphasis on local development. From the personal contact and individual attention of the community coordinators to instantaneous telephone contact with Commission executives, each community in the state is assured maximum help in attracting new industry and encouraging existing industry to expand.

TEXAS RETAIL SALES IN FEBRUARY

by James J. Kelly



estimated total retail sales in texas in february were \$993.9 million. This total, not adjusted for seasonal variation, was down 2% from January sales, and after adjustment declined 4% even though February had 29 days this year. Sales thus far in 1964 were still above the 1963 level. For the first two months, total retail sales in Texas were estimated at \$2,012.3 million; the February total was 4% above February of last year, and the two-month total was 5% above the first two months of 1963.

Total sales of durable goods in February were estimated at \$392.1 million, and this was less than one-half of 1% change from sales of durable goods in January. The normal seasonal pattern of durable goods sales in Texas

ESTIMATES OF TOTAL RETAIL SALES

			P	ınge		
	Feb 1964	Jan-Feb 1964	Feb 1964 from	Feb 1964 from	Jan-Feb 1964 from Jan-Feb	
Classification	(millions	of dollars)	Jan 1964	Feb 1963	1963	
TOTAL	\$993.9	\$2,012,3	— 2	+ 4	+ 5	
Durable goods*	392.1	785.6	**	+ 3	+ 6	
Nondurable goods	601.8	1,226.7	- 4	+ 4	+ 4	

[‡]Contains automotive stores, furniture stores, and lumber, building material, and hardware stores.

calls for a substantial increase in February. In the absence of a strong increase, the seasonally adjusted durable goods sales registered a decline of 14%. The total of durable goods sales in the first two months of 1964 was an estimated \$785.6 million, still well above the 1963 level. February sales of nondurable goods in Texas were 3% above sales in February 1963 and for the two months of 1964 showed a 6% increase over the first two months of 1963.

The same pattern prevailed in sales of nondurable goods in Texas in February as in total retail sales. Sales were less in February of this year than in January but greater than they were last year. February nondurable goods sales were an estimated \$601.8 million in Texas, a 4% decrease from January sales but after adjustment for seasonal variation were virtually unchanged. Total estimated sales of nondurable goods thus far in 1964 totaled \$1,226.7 million, and this was 4% above sales by this group in the first two months of 1963. February 1964 nondurable sales were 4% above February 1963 sales.

Trends in the various kinds of retail business in Texas this year are, for the most part, following the expected seasonal pattern. Although sales declined in February from the January level, they were consistently better this year compared with last year.

The change in sales by automotive stores in February of less than one-half of 1% from January was one notable exception to the anticipated seasonal movement. Automotive sales ordinarily increase in February by 16%. Sales this year, however, are still 9% above last year's sales. Lumber, building materials, and hardware store sales also fell below expectations with a 3% decrease as opposed to a normal seasonal increase of 18%.

All types of nondurable goods stores showed trends conforming to seasonal normals. Apparel stores, drugstores, eating and drinking places, food stores, gasoline and service stations, and general merchandise stores all showed declines in February when compared with January.

POSTAL RECEIPTS

		Percent	changes
	•	Feb 1, 1964-	
		Feb 28, 1964	
To a	ь 1, 1964-	from Jan 4, 1964-	from Feb 2, 1963-
	b 28, 1964	Jan 31, 1964	Mar 1. 1963
Alvin		16	18
Angleton	9,592	— 1 <u>2</u>	3
Ballinger	4,518	+ 7	5
Bellaire	35,961	**	+ 2
Belton	12,677	+ 28	+ 19
Breckenridge	6,586	28	2
Carrizo Springs	2,891	— 6	*
Carthage	5,35 6	— 20	- 17
Childress	5,99 5	— 5	+ 13
Cleveland	5,271	16	— 14
Coleman	7,113	14	+ 5
Columbus	3,605	— 21	+ 3
Commerce	7,533	+ 22	+ 2
Crockett	6,741	7	+ 14
Cuero	6,298	 26	+ 22
Dalhart	5,589	— 13	+ 9
Dumas	6,527	<u> </u>	+ 18
El Campo	10,356	+ 8	**
Electra	4,008	**	+ 13
Falfurrias	4,989	— 9	+ 8
Freeport	16,920	— 11	— 2
Galena Park	6,107	+ 2	+ 5
Georgetown	5,497	— 18	— 18
Gonzales	7,298	+ 11	+ 25
Graves	6,595	+ 8	+ 4
Hearne	4,692	+ 31	+ 15
Hillsboro	8,595	+ 1	+ 6
Hurst	10,263	+ 33	+ 22
Kenedy	4,585	+ 10	+ 8
Kerrville	14,464	+ 1	— б
La Grange	5,010	_ 9	+ 4
Lake Jackson	6,828	+ 7	- 1. 28
Liberty	7,535	— 24	+ 3
Marlin	8,175	+ 3	+ 6
Mathis	2,252	17	— 16
Navasota	4,756	- 12	– 1
Perryton	7,510	- 13	20
Pittsburg	8,856	+ 3	+ 4
Port Lavaca	9,802	_ 9	<u> </u>
Rusk	5,452	— 16	_ 7
Seminole	4,745	+ 17	+ 10
Stephenville	11,602	**	— 5
Taft	2,775	— 11	_ 3 _ 2
Wharton	8,205	- 7	— 16
Winnsboro	3,819	— ; — 5	- 10 + 11
Yoakum	12.740	- 3 + 21	, II
		1 27	

^{**}Change is less than one-half of 1%.

^{**}Change is less than one-half of 1%.

Total retail sales in the United States were estimated by the Office of Business Economics of the U. S. Department of Commerce to be \$21.2 billion in February, after adjustment for seasonal variation and trading day differences. Sales by retail stores in February in the nation were 1% above those in January and 4% above February 1963. Nationally, the slight gain in total retail sales in February was due to a gain of 2% from January in durable goods sales. Sales by nondurable goods stores in the nation were no different in February from January. The adjusted sales figure for durable goods in the nation in February was \$7.0 billion, and nondurable goods sales were estimated to be \$14.2 billion.

RETAIL SALES TRENDS BY KINDS OF BUSINESS

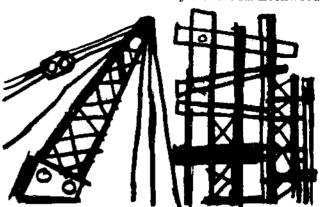
Source: Bureau of Business Research in cooperation with the Bureau of the Census, U. S. Department of Commerce

			Percent	change	
	<u> </u>	Normal seasonal*		Actual	
Kind of business	Number of reporting establish- ments	Feb from Jan	Feb 1964 from Jan 1964	Feb 1964 from Feb 1963	Jan-Feb 1964 from Jan-Feb 1963
DURABLE GOODS					
Automotive stores†	407	+16	20 🕸	+ 9	+ 9
Furniture & housebo	ld				
appliance stores†	182	- 7	- 2	+10	+ 5
Lumber, building					
material, and					
hardware stores .	267	十18	— 3	 1	+ 5
NONDURABLE GOOD	os				
Apparel stores	329	-20	—15	+11	+ 8
Drugstores	183	 5	— 2	+ 3	+ 3
Eating and drinking					
places	112	6	— 3	+ 6	+ 4
Food stores	423	- 6	— 1	+ 6	+ 5
Gasoline and service					
stations	579	3	— Б	+ 5	**
General merchandise					
storest		-14	— 4	+10	+ 7
Other retail storest.	289	- 2	— 1	+ 3	+ 2

^{*}Average seasonal change from preceding month to current month.

FEBRUARY BUILDING CONSTRUCTION IN TEXAS

by Robert M. Lockwood



A STRONG SHOWING IN SCHOOL AND STORE AUTHORIZAtions partially offset a disappointing lull in residential growth to hold the seasonally adjusted index of total construction authorized in Texas in February to 129% of the 1957-1959 average, a 1% decline from January. Only the record February 1963, however, exceeded the February 1964 level. Although it fell off 6% from January, the index of residential construction attained its highest February level in 17 years. At 152.8% of the base-period average, the index of nonresidential construction in February gained 2%, to a level exceeded only 10 times.

In estimated permit values, new construction in February was off some \$7 million, more than \$4 million of which represented residential decline. Additions, alterations, and repairs accounted for 10.2% of total estimated permit values. The actual figure of \$11.8 million was up 14% from \$10.3 million in January. Almost 90% of the nearly \$1.5-million increase in estimated values in this category was attributable to work authorized on private buildings other than homes.

Increase in nonmetropolitan area authorizations prevented an even larger decline in estimated permit values for the state as a whole. The estimated values of metro-

TEN LEADING METROPOLITAN AREAS IN RESIDENTIAL AUTHORIZATIONS

		One	family			Two-	family			Apar	tments			7	rotal .	
• .	Nun of u		Val	ue	Nun of u		V al	ue	Num of ur		Val	ue		nber mits		lue
Metropolitan areas	Jan-Feb 1964	Total 1963	Jan-Feb 1964	Total 1963	Jan-Feb ¹ 1964	Total ² 1968	Jan-Feb ¹ 1964	Total 1963	Jan-Feb 1964	Total 1968	Jan-Feb 1964	Total 1963	Jan-Feb 1964	Total 1963	Jan-Feb 1964	Total 1963
Dallas	I	1	1	1	5	3	5	3	1	2	2	2	1	1	1	
Houston	2	2	2	2	1	1	1	2	2	1	1	1	2	2	2	2
Fort Worth	3	8	9	3	3	δ	8	7	4	5	4	5	9	3	3	3
San Antonio .	4	4	5	5	6	5	6	4	8	3	5	4	4	4	5	5
Austin	5	5	4	4	. 2	2	2	1	5	4	ž	3	5	5	4	4
Amarillo	6	6	6	6	7	5	7	6	Ť	в	10	6	9	6	6	6
El Paso	7	9	8	8	8	6	8	8	7	7	8	7	8	7	7	8
Lubbock	8	7	7	7	4	4	4	5	8	10	6	9	7	8	5	7
Corpus Christi	9	10	10			9	-	9	6	-8	ř	g.	, ,	9	8	
Beamount-						·		·	Ů		•	ū	•		Q	•
Port Arthur	10	8		9										10		
Abilene			9	10		7		8	9				10		g	10
Midland									10		9				10	
Tyler						8					-					
San Angelo						10		10								
Waco						10				9		10				

Only eight metropolitan areas authorized two-family dwellings in January-February 1964.

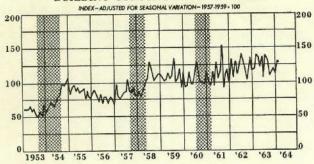
^{**}Change is less than one-half of 1%.

[†]Includes kinds of business other than classification listed.

²Duplicate rankings are the result of identical numbers of units authorized.

politan area permits fell off \$10 million, two-thirds of which was in the central cities, where the decline from January amounted to 7%. The metropolitan areas outside the central cities, generally referred to as suburbs, declined 14% in estimated values, but the actual dollar total amounted to only about half that of the central cities.





NOTE: Shaded areas indicate periods of decline of total business activity in the United States.

Led by a one-third increase in estimated values in the cities of 10,000 to 50,000 population, the nonmetropolitan area dollar values gained 24% in February, or about \$4.4 million, almost 80% of which was attributable to the larger cities (more than 10,000 population).

Accounting for about 30% of the estimated dollar decline in residential authorizations, one-family housing permits authorized 3,370 units in February, 2,584 of which were in metropolitan areas. Almost half of the metropolitan area permits covered single-family homes in Dallas and Houston (1,227 units), and the five leading cities together authorized 1,911 units, 56% of the state total. The value of these homes aggregated more than \$28 million, three-fourths of the metropolitan total and more than 60% of the state total.

An estimated \$17.4 million, 15% of the value of all new construction permits issued, was for apartments. Estimated values declined 20%, however, from the \$21.7 million of permits issued in January, reflecting the fact that 375 fewer units were authorized in February. More than 84% of this decline came in the metropolitan areas, a disproportionate percentage, considering 1963 experience, when 80% of all apartment units were authorized in metropolitan areas.

Except for the nonmetropolitan areas, a comparison of January-February 1964 with the first two months last year is equally unfavorable. In the entire state, 23 fewer units were authorized through February 1964, but metropolitan authorizations declined 644 units, while nonmetropolitan permits authorized 621 more units. The dollar value of these authorizations remained unchanged in the metropolitan areas but increased 9% in the state as a whole, the result of a 750% increase in the estimated value of nonmetropolitan permits. Should the first two months of 1964 reflect, even roughly, the trend of the entire year, a gain of perhaps 150% in nonmetropolitan apartment building may accompany a decline of about 15% in metropolitan authorizations, causing a net decline of upwards of 5% in the number of apartment units permitted.

Sizeable cutbacks in categories which experienced an unusually favorable January accounted for most of the nonresidential dollar-value decline in February. Consider-

able increases in permit values for educational buildings, stores and mercantile buildings, and three minor categories, failed by almost \$3 million to offset declines in all other nonresidential categories, although the 2% rise in the seasonally adjusted index indicates that February authorizations this year were somewhat more lively than usually can be expected.

Schools and stores made up more than half of the value of all nonresidential permits issued in February, aggregating some \$23.6 million. The largest dollar declines were borne by amusement buildings, hospitals, officebank buildings, works and utilities, and industrial buildings, the aggregated gross decline of which amounted to about \$15.1 million. The first five nonresidential categories, ranked in order of cumulative values authorized through February, are educational buildings, stores and mercantile buildings, industrial buildings, hospitals, and office-bank buildings. These categories also were the five highest in estimated value for the year 1963, though not in precisely the same order.

ESTIMATED VALUE OF BUILDING AUTHORIZED

Source: Bureau of Business Research in cooperation with the Bureau of the Census, U. S. Department of Commerce

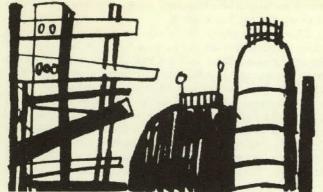
	Feb	Jan-Feb		nt change Jan-Feb 1964
Park Mary Mary	1964	1964	from	from
Classification	(thousands	of dollars)	Jan 1964	Jan-Feb 1968
ALL PERMITS	\$127,795	\$261,150	- 4	***
New construction	115,969	238,975	- 6	+ 2
Residential				
(housekeeping)	67,885	139,833	- 6	+ 5
One-family				
dwellings	. 48,125	97,459	- 2	+ 4
Multiple-family				
dwellings	. 19,760	42,374	- 13	+ 9
Nonresidential				
buildings	. 48,084	99,142	— 6	— 3
Nonhousekeeping				
buildings				
(residential)	. 3,167	7,033	18	+ 47
Amusement				
buildings	. 1,141	7,019	- 81	+608
Churches	. 2,497	5,416	- 14	+ 14
Industrial buildings .		10,082	— 23	+ 4
Garages (commercial				
and private)	. 362	1,230	- 58	11
Service stations	1,331	2,568	+ 8	+ 49
Hospitals and				
institutions	4,233	12,007	- 46	+ 85
Office-bank buildings	3,384	10,955	— 55	58
Works and utilities	339	2,005	80	- 50
Educational				
buildings	. 12,766	20,164	+ 78	- 25
Stores and mercantil	e			
buildings	. 11,859	16,948	+133	+ 36
Other buildings and				
structures	2,613	3,715	+137	+ 25
Additions, alterations,			20.00	800
and repairs	11,826	22,175	+ 14	- 15
METROPOLITAN vs.				
NONMETROPOLITAN†				
Total metropolitan		219,438	— 9	_ 5
Central cities		174,206	- 7	- 4
Outside central cities	243.50 MA	45,232	- 14	— 8
Total nonmetropolitan .	23,076	41,712	+ 24	+ 41
10,000 to 50,000	225000	21.25		7 72
population	. 13,951	24,395	+ 34	+ 45
Less than 10,000	2.2		0.00	
population	. 9,125	17,317	+ 11	+ 35

[†]As defined in 1960 Census.

^{**}Change is less than one-half of 1%.

1964 DIRECTORY OF TEXAS MANUFACTURERS

Edited by Marie Fletcher



THE 1964 Directory of Texas Manufacturers, PUBLISHED by the Bureau of Business Research at The University of Texas, contains detailed information on 10,574 manufacturing plants in the state. The first edition was published in 1932 and listed 2,984 plants. It has been issued annually since 1959 and is the most complete and authoritative source of information on Texas manufacturing firms.

The 722-page volume is organized into three sections: alphabetical, geographical, and product. Each section is as complete and accurate as human ingenuity can make it. In addition to providing an accurate, up-to-date mailing list, the *Directory* proves valuable to businessmen and civic leaders engaged in industrial development work, as well as those in purchasing, marketing, and manufacturing.

Plants classified by product

The number of plants in Texas in each major product group is listed in the accompanying table. The products section of the *Directory* lists these plants according to the industry definitions embodied in the Standard Industrial Classification. This system was originally promulgated by the Bureau of the Budget and is in general use among government agencies for the tabulation of statistical data. The 10,574 manufacturing plants in Texas fall into the 22 major groups of the S.I.C. shown in the table. The plants are listed in the *Directory* under these major group numbers, and entries carry the listing to a finer degree of detail by classifying the plants by four-digit code numbers.

Two major groups, 28—Chemicals and allied products and 36—Electrical machinery, equipment, and supplies, are listed in the *Directory* under a five-digit breakdown. This feature, published for the first time in the 1964 edition, now makes available a list of all chemicals and electrical machinery produced in Texas arranged alphabetically under the appropriate S.I.C. number.

Plants listed by cities

The geographical section contains a comprehensive description of plants classified by cities. The name, address, and Zip Code of the company are listed, and each entry in this section contains the name of the chief executive officer. Also listed is the type of organization (corporation, partnership, or sole proprietorship), the date the plant was established, the area in which the plant's products are marketed, and a code number indicating the number of employees. In addition to this, the products manufactured at the plant are described in some detail. The compilation of data about each plant is the only available comprehensive treatment of the subject, and a minimal amount of study yields an accurate picture of any Texas city's manufacturing plants.

Because the geographical section contains an inventory of manufacturing plants in Texas cities, the *Directory*

DISTRIBUTION OF MANUFACTURING PLANTS IN TEXAS BY STANDARD INDUSTRIAL CLASSIFICATION MAJOR GROUPS

S.I.C. major group number	Kind of product	Number of plants
13	Products Recovered from Natural Gas	295
19	Ordnance & Accessories	16
20	Food & Kindred Products	. 1,758
21	Tobacco Manufacturers	. 1
22	Textile Mill Products	78
23	Apparel & Other Finished Products Made fro Fabrics & Similar Materials	0.000
24	Lumber & Wood Products, Except Furniture.	
25	Furniture & Fixtures	
26	Paper & Allied Products	. 175
27	Printing & Allied Industries	(A)
28	Chemicals & Allied Products	750
29	Petroleum Refining & Related Industries	
30	Rubber & Miscellaneous Plastics Products	
31	Leather & Leather Products	181
32	Stone, Shell, Clay, & Glass Products	850
33	Primary Metal Industries	
34	Fabricated Metal Products, Except Ordnand Machinery & Transportation Equipment	e,
35	Machinery, Except Electrical	
36	Electrical Machinery, Equipment & Supplies.	
37	Transportation Equipment	
38	Professional, Scientific & Controlling Instruents; Photographic & Optical Goods; Watch & Clocks	u- es
89	Miscellaneous Manufacturing Industries	

*Figures do not add to the actual number of firms listed in the DI-RECTORY (10,574) because a firm may be listed under more than one major group of product type.

has gained acceptance in recent years with the many industrial development agencies in the state. With its wealth of detail about manufacturing plants, the publication is valuable as a management tool in marketing and purchasing. It can be used to define potential customers and to discover sources of needed processed materials, chemical intermediates, or manufactured goods of almost any description.

Texas Industrial Expansion

Since manufacturing in Texas is a matter of continuous development, work has already begun on the next issue of the *Directory*. Four full-time staff members correspond with the manufacturers in Texas, chambers of commerce, newspapers, and industrial foundations to keep the *Directory* up to date each year.

To fill in the details of the growth of the state's manufacturing industries, a publication, *Texas Industrial Expansion*, is published each month to serve as a supplement to the yearly *Directory*. The two publications are as complete a documentation of the industrialization of Texas as may be found.

announcing the

1964 DIRECTORY OF



PUBLISHED BY
BUREAU OF BUSINESS RESEARCH
THE UNIVERSITY OF TEXAS

The most complete and authoritative source of information on manufacturing plants in Texas is the 1964 DIRECTORY OF TEXAS MANUFACTURERS, published by the Bureau of Business Research at The University of Texas. The uses to which the DIRECTORY may be put are many and varied and are limited only by the needs and imagination of the user.

A MAILING LIST

The continual flow of junk mail across the desks of American businessmen is expensive since it depends upon mass communication and ignores waste circulation. This type of advertising loses the most potent value of mail—the suggestion of personal contact. The specific nature of the entries in the DIRECTORY permits the direct mail advertiser to be discriminating in his choice of prospects. The manufacturers as prospects are classified by location and type of product, and the list is ready for use.

A PLANT LOCATION TOOL

A principal consideration in plant location analysis is the problem of competition. With the DIRECTORY it is possible to ascertain the number, size, and location of competitive plants in any given area of the state. This information is valid in a negative way, too. The absence of a particular kind of plant near a concentration of population or a source of raw materials suggests that further study might be needed. Lack of manufacturing facilities may be as significant as the presence thereof.

A SALES MANAGEMENT AID

There are several ways in which the DIRECTORY can be used to solve problems in marketing. Manufacturers are not only producers; they also purchase goods and services in huge quantities and should not be overlooked when marketing decisions are made. The assignment of sales territories and economical expenditure of salesmen's time are problems that can be dealt with by judicious use of the listings in the DIRECTORY. A manufacturer may use the geographical distribution to determine whether there are enough firms which are prospects for his products to justify his salesman making a tour of a certain town. The list thus provided eliminates the need for a preliminary "fishing expedition" and supplies the salesman with specific information.

Please sendcopi FACTURERS at \$15.00 e (Texas Please send C.O.D. Please invoice (including p Please send postage paid. P NAME OF FIRM	ach. residents add 30 cents sales ostage and handling). Purche ayment enclosed. (Texas resid	les tax.) ase order No enclosed. dents add 30 cents sales tax.)	SPACE Rec'd Sent DTM Amt. Due Amt. Paid Bal. Due	ITE IN THIS
PURCHASER				Check Date
ADDRESS			PP	-
CITY	STATE	ZIP CODE	PF	

CTURERS \$15.00 ORDER YOUR COPY TODAY. ORDER FORM ATTACHED.



The Product Section lists all chemicals produced in Texas alphabetically under the appropriate five-digit Standard Industrial Classification number:

n-Butyraldehyde

Bishop (78343)

4

*

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*

Celanese Chemical Co., Div. of Celanese Corp. of America, Box 428 [7]*

Longview (75600)

Texas Eastman Co., Div. of Eastman Kodak Co. (Harrison County), Box 2068 [8]*

Butyric acid

Pampa (79065)

Celanese Chemical Co., Div. of Celanese Corp. of America, 6 mi. SW. on Hwy. 60, Box 937 [6]*

Ethyl acetate

Dallas Metropolitan Area

Dallas (752 plus local zone number)

Texas Solvents & Chemicals Co., Sub. of Central Solvents & Chemicals Co., 2500 Vinson (12) [2]*

Texas City (77590)

Union Carbide Corp., Chemicals Div., Box 471 [8]*

A PURCHASING AGENT'S SOURCE

In respect to the question of purchasing, the DIRECTORY can contribute valuable information. Included is the section devoted to a list of all the products manufactured in Texas. The purchasing agent of a company which uses processed materials, chemical intermediates, or manufactured goods of almost any description will find his sources of supply listed in the DIRECTORY.

COMPLETELY REVISED

The 1964 DIRECTORY is the result of a year of preparation by the staff of the Bureau of Business Research, who used the manufacturers and the chambers of commerce as the principal sources of the entries. The 1964 DIRECTORY is primarily a research tool that has been extensively revised and brought up to date.

PRODUCT LIST

All products manufactured in Texas are listed by at least four digits of the Standard Industrial Classification in a special section (with index). The products made in the electronics manufacturing plants in the state are listed by five-digit classification numbers. All chemicals produced in Texas are listed by the five-digit number and, in addition, are listed alphabetically by chemical name.

GEOGRAPHICAL LIST

Plant locations are listed by cities, and entries in this section include the name of the chief executive officer and the plant address. This list also groups together the cities in each of the six largest metropolitan areas in the state. In the new edition of the DIRECTORY, Zip Codes have been added to every plant mailing address.

FIRM NAMES

A convenient alphabetical listing of all the manufacturing plants in Texas shows city location and home office. Affiliated companies, divisions, and branch plants are indicated.

COMPLETE MAILING ADDRESSES

More than 10,500 firms are listed in the 1964 DIRECTORY with complete address including Zip Code and are thus available for mail advertising campaigns of all types.



Retail sales data for cities are reported in this tabulation. The first column contains an average percent change from the preceding month marked by a dagger (†). This is the normal seasonal change in sales by that kind of business. The second column shows the percent change in actual sales reported for the month. The third column shows the change in sales from the same month of the preceding year. A large variation between the normal seasonal percent change and the percent change in reported sales indicates an abnormal month. Postal receipts information which is marked by an asterisk (*) indicates cash received during the four-week postal accounting period ended February 28, 1964. Annual postal data are

for 13 four-week periods falling closest within 1962 and 1963 calendar years.

Changes of less than one-half of 1% are marked with a double asterisk (**). Waco retail sales information is reported in cooperation with the Baylor Bureau of Business Research. End-of-month deposits as reported represent money on deposit in individual demand deposit accounts on the last day of the month and are indicated by the symbol (‡). All population figures are final 1960 census data with the exception of those marked (r), which are estimates of the Texas Highway Department. Figures under Texarkana with the following symbol (§) are for Texarkana, Texas, only.

		Percent	change
City and item	Feb 1964	Feb 1964 from Jan 1964	Feb 1964 from Feb 1963
ABILENE (pop. 90,368)			****
Retail sales	— 3†	— 7	+ 10
Apparel stores	- 20†	- 15	+ 1
Automotive stores	+ 16†	释辞	+ 20
Drug stores	— 5†	+ 5	- 1
General merchandise, stores	- 141	— 18	+ 5
Postal receipts ² \$	131,739	+ 5	+ 10
Building permits, less federal contracts \$		+ 80	- 28
Bank debits (thousands)	105,356	— 18	+ 6
End-of-month deposits (thousands) 1. \$	67,046	— <u>5</u>	— 4
Annual rate of deposit turnover	18.4	13	+ 8 1
Employment (area)	36,100 4,350	+ 1 + 2	5
Percent unemployed (area)	6.2	— 2	— s
zertent unemployed (area)	0.2		_ '
ALICE (pop. 20,861)			
Retail sales	— 3†	+ 15	+ 12
Drug stores	— 5 †	— Б	- 8
Eating and drinking places	— 6†	+ 2	+ 10
Lumber, building material,			
hardware stores	十 18年	+ 7	* *
Postal receipts*\$	17,401	— ნ	7
Building permits, less federal contracts \$	297,809	+ 84	+ 67
ALPINE (pop. 4,740)	-		
Postal receipts*	5 X 50		
Building permits, less federal contracts \$	5,152 18,896	- 3 +800	+ 4 — 25
Bank debits (thousands)	8,119	— 13	— 25 + 8
End-of-month deposits (thousands) ‡ \$	4,131	— 13 — 8	+ 6
Annual rate of deposit turnover	8.7	— 3 — 11	+ 1
- 15		**	
ANDREWS (pop. 11,135)			
Postal receipts*\$	9,495	+ 17	+ 4
Building permits, less federal contracts \$	43,075	+ 22	~ 54
Bank debits (thousands)\$	5,680	— 11	→ 5
End-of-month deposits (thousands) \$\$	7,016	4	— 7
Annual rate of deposit turnover	9.5	— 9	+ 17
ARANSAS PASS (pop. 6,9	56)		
Postal receipts*	4.302	_ 22	+ 2
Building permits, less federal contracts \$	3,550	— 22 — 75	- 77
	4,518	7	- n
Bank debits (thousands)			
End-of-month deposits (thousands) \$	5.488	— z	— 10

		_	_
		Percen	t change
City and item	Feb 1964	Feb 1964 from Jan 1964	Feb 1964 from Feb 1963
AMARILLO (pop. 155,205r	•)		
Retail sales	— 3†	8	+ 3
Apparel stores	- 20†	— 1 5	**
Automotive stores	+ 16†	**	- 1
Eating and drinking places Furniture and household	— 6†	— 15	+ 33
appliance stores	7 †	- 7	— 15
and hardware stores	+ 18†	— 11 .	+ 35
Postal receipts*	238,625	— 8	+ 6
Building permits, less federal contracts \$ Bank debits (thousands)\$		— 30 — 17	~ 18
End-of-month deposits (thousands) 1. 3	262,981 129,338	— 11 — 3	+ 16 + 5
Annual rate of deposit turnover	24.0	— 3 — 18	+ 11
Employment (area)	53,900	— 1a	+ 1
Manufacturing employment (area)	6,320	+ 1	+ 6
Percent unemployed (area)	4.9	+ 11	_ 2
ARLINGTON (pop. 44,775))		
Retail sales			
Apparel stores	···· 20†	27	+ 6
Postal receipts*	69,197	+ 3	+ 28
Building permits, less federal contracts \$	1,957,632	+ 48	— 54
Employment (area)	226,700	泰尔	+ 5
Manufacturing employment (area).	56,500	+ 1	+ 11
Percent unemployed (area)	4.6	— 2	— 13
ATHENS (pop. 7,086)			
Postal receipts* \$	11,904	+ 34	+ 20
Building permits, less federal contracts \$	59,550	53	74
End-of-month deposits (thousands) \$\$	10,878	2.5	+ 10
BAYTOWN (pop. 28,159)			
Retail sales	3†	+ 26	+ 23
Automotive stores	+ 16†	+ 21	+ 35
Food stores	— 6†	2	+ 4
Postal receipts	33,048	— 3	+ 4
Building permits, less federal contracts \$	317,705	— 53	— 22
Bank debits (thousands)\$	33,294	+ 2	+ 21
End-of-month deposits (thousands) ‡ . \$	27,932	7	+ 2
Annual rate of deposit turnover	13.8	K120	+ 15
Employment (area)	569,400	**	+ 5
Manufacturing employment (area).	96,600		+ 6
Percent unemployed (area)	4.3	- 2	— 10

- 1		Percent	change	I I Designate Conditions	Percent change		
Local Business Conditions			Feb 1964	Local Business Conditions	T-1	Feb 1964	Feb 1964
City and item	Feb 1964	from Jan 1964	from Feb 1963	City and item	Feb 1964	from Jan 1964	from Feb 1961
AUSTIN (pop. 186,545)				BISHOP (pop. 3,722)			
Retail sales	— 3†	+ 4	+ 7	Postal receipts*\$	3,433	+ 23	+ 9
Apparel stores	— 20†	~ б	+ 11	Building permits, less federal contracts \$	130,000	+6400	26
Automotive stores	+ 16†	+ 4	+ 22	Bank debits (thousands)\$	1,578	 17	3
Drug stores	5†	— 4	— 5	End-of-month deposits (thousands) ‡ \$	2,291	+ 1	10
Furniture and household	7.4		1 10	Annual rate of deposit turnover	8.8	14	+ 9
appliance stores	— 7† — 14†	- 4 + 21	+ 19 7				_
Lumber, building material.	- 141	(21	•	BONHAM (pop. 7,357)			
and hardware stores	+ 18†	— 9	+ 4	Retail sales			
Postal receipts	509,513	2	+ 10	Automotive stores	+ 16†	+ 34	+ 20
Building permits, less federal contracts \$	5,480,435	— 28	— 53	Postal receipts*\$	7,011	+ 9	+ 9
Bank debits (thousands)\$	299,650	**	+ 8	Building permits, less federal contracts \$	46,000	— 23	+ 93
End-of-month deposits (thousands) \$ \$	171,580	— .5	+ 1	Bank debits (thousands)\$	7,799	14	+ 9
Annual rate of deposit turnover	20.5	**	_ 3	End-of-month deposits (thousands) ‡ \$	8,122	— 4	+ 4
Employment (area)	89,400	+ 1 - 2	+ 5 + 4	Annual rate of deposit turnover	11.3	- 11	+ 4
Manufacturing employment (area). Percent unemployed (area)	6,060 3.1	— 2 — 18	— 18	-		**	
rereent unemployed (area)	0.1			BORGER (pop. 20,911)			
BAY CITY (pop. 11,656)				Postal receipts*	16,529	— 32	— 3
		4		Building permits, less federal contracts \$	55,200 255	62 +180	72 + 276
Retail sales	3†	— 6 — 5	+ 15	Nonagricultural placements	200	7100	7216
Automotive stores	+ 16† — 14†	5 7	$^{+}$ 18 $^{+}$ 27				
Postal receipts*	13.012	+ 12	+ 20	BRADY (pop. 5,338)			
Bank debits (thousands) \$	15,365	23	+ 14	Postal receipts [†]	4,553	— 29	+ 2
End-of-month deposits (thousands) ‡. \$	25,296	— 5	+ 12	Building permits, less federal contracts \$	20,400	— 68	65
Annual rate of deposit turnover	7.1	22	— 1	Bank debits (thousands)\$	4,985	— 10	+ 10
Nonagricultural placements	77	+ 12	+ 10	End-of-month deposits (thousands)‡\$	7,481	— 5	+ 3
				Annual rate of deposit turnover	7.9	— 8	+ 5
BEAUMONT (pop. 119,175	5)			BRENHAM (pop. 7,740)			
Retail sales	— 8†	3	+ 11	·			
Apparel stores	— 20 †	- 4	+ 16	Postal receipts*\$	7,443	18	23
Automotive stores	+ 16†	- 4	+ 10	Building permits, less federal contracts \$	22,876	— 82 — 8	— 58 + 25
General merchandisc stores	14 †	— 11	+ 6	Bank debits (thousands)\$ End-of-month deposits (thousands)‡\$	11,488 13,299	— o — 4	+ 25 + 1
Lumber, building material,	(104		l FO	Annual rate of deposit turnover	10.2	— ž	+ 21
and hardware stores	+ 18† 143,573	+ 44 + 6	+ 58 + 13	Nonagricultural placements	42	— 18	**
Building permits, less federal contracts \$		+ 8	+125				
Bank debits (thousands)\$		- 18	+ 19	BROWNFIELD (pop. 10,28	6)		
End-of-month deposits (thousands) \$ \$		— 3	_ 2				
Annual rate of deposit turnover	21.2	— 16	+ 18	Postal receipts*\$	10,803	— 9	**
Employment (area)	111,200	+ 1	+ 6	Building permits, less federal contracts \$	96,550	+ 10	32
Manufacturing employment (area).	34,720	— 8	+ 1	Bank debits (thousands)	18,216 17,472	41 11	+ 5
Percent unemployed (area)	7.5	+ 10	. — 10	Annual rate of deposit turnover	11.8	— 11 — 40	+ 11
BEEVILLE (pop. 13,811)				BROWNSVILLE (pop. 48,0	140)		
Retail sales				Retail sales	,40) 3†	+ 5	+ 10
Lumber, building material,				Automotive stores	+ 16†	+ 6	+ 11
and hardware stores	+ 18†	— 13	4	Lumber, building material,	. 201	. •	
Postal receipts*		_ 3	- 7	and hardware stores	+ 187	— 5	+ 10
Building permits, less federal contracts \$		+ 35	— 24	Postal receipts*\$	33,523	— 3	13
Bank debits (thousands)		— 18	+ 1	Building permits, less federal contracts \$	194,814	— 14	+ 83
End-of-month deposits (thousands) ‡ . §		+ 2	**	Bank debits (thousands)\$	32,091	— 20	— 12
Annual rate of deposit turnover	8.3	— 17	**	End-of-month deposits (thousands) ‡ \$	20,280	5	13
Nonagricultural placements	111	+ 12	— . 6	Annual rate of deposit turnover	18.5	— 14 	3
				Employment (area)	34,750 4,950	+ 1 + 5	+ 2 + 8
BIG SPRING (pop. 31,230)			Manufacturing employment (area). Percent unemployed (area)	7.6	— 10	_ 10
Retail sales	— 3†	— 14	+ 14	Nonagricultural placements	477	+ 41	+ 98
Apparel stores	20t		- 1				
Automotive stores	+ 16†		+ 20	BROWNWOOD (pop. 16,97	43		
Drug stores	— 5†	+ 9	- 4	·	T /		
Lumber, building material,				Retail sales			
and hardware stores	+ 18†		+ 24	Apparel stores	20†	- 11	+ 4
Postal receipts*		— 16 (eg	— 14 - 18	Postal receipts*	31,261	— 11 ±185	+ 10 + 4353
Building permits, less federal contracts		+ 87	+ 18	Building permits, less federal contracts \$	93,518 17,585	+185 $-$ 5	+ 4353 + 14
End-of-month deposits (thousands) :		$-21 \\ -4$	_ 9 _ 9	Bank debits (thousands)\$ End-of-month deposits (thousands)‡.\$	17,585 13,100	— s — 4	— 14 — 1
End-of-month deposits (thousands) ‡: Annual rate of deposit turnover	\$ 25,445 16.0	— 4 ~- 20	— 9 — 2	Annual rate of deposit turnover	15.7	_ 2	+ 15
Nonagricultural placements	153	- 20 - 17	- 2 + 20	Nonagricultural placements	106	+ 51	+ 41
processing in the second	100	• •	, a v		-+-		-

Local Business Conditions		Percent	change	Local Business Conditions		Percent	change
Local Business Conditions	Feb		Feb 1961	Local Business Conditions	T2-1-	Feb 1964	Feb 1964
City and item	1964	from Jan 1964	from Feb 1963	City and item	Feb 1964	from Jan 1964	from Feb 1968
BRYAN (pop. 27,542)				COLORADO CITY (pop. 6,	457)		
Retail sales				Retail sales Lumber, building material,			
Automotive stores	+ 16†	— s + 7	+ 24	and hardware stores	+ 18†	— 14	— 7
Postal receipts ^a \$ Building permits, less federal contracts \$	26,946 841,350	+188	+ 4 +198	Postal receipts*\$	5,660	- 4	+ 13
Bank debits (thousands)\$	30,390	- 8	+ 16	Bank debits (thousands)\$	4,979	— 22	9
End-of-month deposits (thousands) ‡ \$	19,203	- 4	+ 4	End-of-month deposits (thousands) 1\$ Annual rate of deposit turnover	6,842 · 8,5	— 5 23	+ 3 11
Annual rate of deposit turnover Nonagricultural placements	18.6 226	5 + 12	$^{+}$ 9 $^{+}$ 26				
Nonagricultural pracements		T 12	T 20	COPPERAS COVE (pop. 4,	567)		
CALDWELL (pop. 2,204)				Postal receipts* Building permits, less federal contracts \$	4,297 158,404	+ 12 71	+ 8 +151
Postal receipts*\$	2,457	— 1 7	— 3	Bank debits (thousands)\$	1,480	5	+ 15
Bank debits (thousands)\$	2,331	21	+ 5	End-of-month deposits (thousands) ‡. \$	1,605	+ 6	+ 43
End-of-month deposits (thousands) ‡\$	3,980	— 5	2	Annual rate of deposit turnover	11.4	— 10	— 20
Annual rate of deposit turnover	6.8	— 18	+ 6	CORPUS CHRISTI (pop. 18	24 169-1		
CAMEDON (7.040)				Retail sales	~ 3†	+ 8	+ 10
CAMERON (pop. 5,640)				Apparel stores	— 20†	+ 8 ~ 22	+ 10 + 6
Postal receipts*	5,940	+ 25	+ 16	Automotive stores	+ 16†	+ 8	+ 14
Building permits, less federal contracts \$	1,650	89	— 94	General merchandise stores	14†	+ 3	+ 4
Bank debits (thousands)\$ End-of-month deposits (thousands)‡.\$	4,678 5,150	— 18 — 5	+ 4 + 1	Postal receipts*	207,556	+ 5	+ 4
Annual rate of deposit turnover	10.4	— 14	+ 2	Bank debits (thousands)\$	214,526	54 15	13 + 6
				End-of-month deposits (thousands) ‡. \$	115,145	_ 2	+ 1
CANVON (non E 864)				Annual rate of deposit turnover	22.1	- 11	+ б
CANYON (pop. 5,864)				Employment (area)	68,300	6.☆ 炒申	+ 1
Postal receipts*\$	5,460	21	+ 7	Manufacturing employment (area). Percent unemployed (area)	8,610 5.2	**	3 9
Building permits, less federal contracts \$ Bank debits (thousands)\$	14,050 6,750	89 19	79 + 7				
End-of-month deposits (thousands) ‡ . \$	7,471	_ 18 _ 2	+ 8	CORSICANA (pop. 20,344)			
Annual rate of deposit turnover	10.7	21	- 1	Retail sales	 3†	— в	+ 2
CARROLLEON (non 4949	1			Lumber, building material, and hardware stores	+ 18†	~ 9	– 7
CARROLLTON (pop. 4,242)			Postal receipts*	18,300	12	— 19
Postal receipts ² \$	7,592	+ 10	+ 20	Building permits, less federal contracts \$ Bank debits (thousands)	512,115 18,140	+544 13	$^{+375}$ $^{+6}$
Building permits, less federal contracts \$ Bank debits (thousands)\$	242,400 5,533	- 40 19	+ 46 + 6	End-of-month deposits (thousands) \$ \$	20,930	— 15 — 5	**
End-of-month deposits (thousands) \$. \$	3,279	<u> </u>	***	Annual rate of deposit turnover	9.6	— 15	i
Annual rate of deposit turnover	20.1	- 11	+ 4	Nonagricultural placements	157	- 3	+ 39
CISCO (pop. 4,499)			<u>-</u>	CRYSTAL CITY (pop. 9,10			
Postal receipts*	4,465	+ 11	+ 8	Postal receipts* \$ Building permits, less federal contracts \$	3,476 28.050	– 4	+ 6 + 10
Bank debits (thousands) \$	3,496	— 14	+ 4	Bank debits (thousands)\$	2,611	+ 40 — 20	→ 10 — 2
End-of-month deposits (thousands) ‡ \$	3,367	— 9	- 12	End-of-month deposits (thousands) \$ \$	2,700	— 1	14
Annual rate of deposit turnover	11.9	_ 8	+ 12	Annual rate of deposit turnover	11.5	1.7	+ 14
CLEBURNE (pop. 15,381)			<u></u>	DALLAS (pop. 679,684)			
Postal receipts*	15,523	+ 7	+ 9	Retail sales	— 3†	2	+ 7
Building permits, less federal contracts \$	187,050	+ 41	+136	Apparel stores Automotive stores	— 19† + 3†	- 18 + 7	+ 12 + 2
Bank debits (thousands) \$	12,594	— 11	+ 15	Drug stores	+ 2†	**	+ 2
End-of-month deposits (thousands) \$\$	12,491	· 5	+ 8	Eating and drinking places	— 2†	+ 5	+ 8
Annual rate of deposit turnover Employment (area)	11.8 226,700	— 8 **	+ 8 + 5	Florists	+ 1†	+ 22	+ 1
Manufacturing employment (area).	56,500	+. 1	+ 11	Food stores	— 7†	— 6	**
Percent unemployed (area)	4.6	– 2	<u> </u>	appliance stores	— 9†	+ 8	+ 20
				Gasoline and service stations	4†	— 2	+ 11
CLUTE (pop. 4,501)			(General merchandise stores Lumber, building material,	— 6 †	— 8	+ 17
Postal receipts*\$	1.874	— 25	— 5	and hardware stores	+ 10†	+ 1	**
Bank debits (thousands)\$	1,703	— 1 1	+ 6	Office, store, and school			
End-of-month deposits (thousands) ‡ . \$	1,495	+ 2	+ 2	supply dealers	— i†	— 6	+ 12
Annual rate of deposit turnover	13,8	· 9	+ 5	Postal receipts*		+ 8 + 80	+ 11 - 51
COLLECTS OF APPLOY	11 000			Building permits, less federal contracts \$17. Bank debits (thousands)		+ 80 10	— 51 十 6
COLLEGE STATION (pop.	11,396)			End-of-month deposits (thousands) ‡. \$ 1		+ 2	+ 5
Postal receipts*\$	23,314	28	+ 12	Annual rate of deposit turnover	31.7	6	+ 3
Bank debits (thousands)\$ End-of-month deposits (thousands)‡\$	5,484 3,792	+ 2 + 1	+ 47		500,600 112,700	+ 1 **	+ 5 + 7
Annual rate of deposit turnover	17,4	+ 1 — 1	+ 23 + 18	Manufacturing employment (area). Percent unemployed (area)	4.0	_ 2	- 1
	-11-	-	0			_	•

Cocal Business Conditions	Lead Dusiness Conditions		Percent	change	Local Business Conditions	Percent change		
DEL RIO (pop. 18,612)			from	from			from	from
Partial resignate		1964	Jan 1964	Feb 1962		1964	Jan 1964	Feb 1963
Bulking permits, less federal contracts \$ 1,072,136 + 197 + 665 Buch debts, (thousands)			4.					
Bank deists (thousands)								
Embed-contact deposits (thousands)					• •			
DEL RIO (pp. 18,612) Retail sales Postal receipts Salt-dops Salt-dop								
DEL RIO (pop. 18,612) Retail mises Retail mises Part Pa								
BRIO (pop. 18,612) Retail sales								
Reatil asides	DEL RIO (pop. 18,612)							
Lumber, Judicing material, and hardware stores	·= =							+ 8
And hardware stores	Automotive stores	+ 16†	+ 19	+ 37	End-of-month deposits (thousands) \$ \$	193,136	+ 1	9
Postal receipts	Lumber, building material,				Annual rate of deposit turnover	21.2		
Bailding permits, lear federal contracts 14,5467 +103 -7								
Bank debits (thousands)						-		
End-of-month deposits (thousands)					Percent unemployed (area)	5.9	+ 4	— 3
DENISON (pop. 22,748) Refati sales					DITT DOG (DAGS)			
Postal receipts					EULESS (pop. 2,062)			
Bank debits (thousands)	Timeta 1800 Of October 18110701		· · · · · · · · · · · · · · · · · · ·	<u> </u>				
Refatl states	DENISON (pop. 22.748)				- • · · ·			-
Automotive stores							-	
Postal receipts 19.915		+ 16†	— 17	— 12				
Bank debits (thousands) \$ 17,675 16 12 12 13 13 15 15 15 15 15 15					Annual rate of deposit turnover	20,5	— 8	T 33
End-of-month deposits (thousands) \$ 2,838 + 10 + 48 Nanual rate of deposit turnover 15.1 - 10 DENTON (pop. 26,844) Retail sales	Building permits, less federal contracts \$	703,072	+241	+ 34	ELOUD DITTEE (non 0.22	91		
DENTON (pop. 26,844) Retail alors	Bank debits (thousands)\$	17,676	15	+ 12				
DENTON (pop. 26,844) FORT STOCKTON (pop. 6,373) FORT STOCKTON (pop. 7,372) FORT STOCKTON (pop. 7,372) FORT STOCKTON (pop. 7,372) FORT STOCKTON (pop. 6,373) FORT STOCKTON (pop. 7,372) FORT STOCKTON (pop. 6,373) FORT STOCKTON (pop.	End-of-month deposits (thousands) ‡. \$	15,050	— 1					
PENTON (pop. 26,844) Retail asize								
Postal receipte \$ 5,854 5 7	Nonagricultural placements	119	— 8	+ 11	Annual rate of deposit turnover	15.1	19	
Automotive stores					FORT STOCKTON (pop. 6	,373)		
Postal receipts								
Building permits, less federal contracts 997,882 -14 +150								
Bank debits (thousands) \$ 29,545								
End-of-month deposits (thousands): \$ 25,784 -7 + 25								
Annual rate of deposit turnover 12.8 -5 + 25 FORT WORTH (pop. 356,268)		-			Annual rate of deposit turnover	11.5	14	_ ə
Nonagricultural placements 181					FORT WORTH (non 356 2	(89)		
DONNA (pop. 7,522) Apparel stores 3,841 -4 1 Building permits, less federal contracts 15,100 -10 +99 EAGLE PASS (pop. 12,094)								1. #
DOINNA (pup. 1,321)	TO 031371							
Postal receipts S 3,841	DONNA (pop. 7,522)							
Building permits, less federal contracts \$ 15,100	Postal receipts*\$	3,841	- 4	+ 1	_			
EAGLE PASS (pop. 12,094) Retail sales Gasoline and service stations.								
Company Comp					Furniture and household			
Company Comp					appliance stores	6f	+ 4	+ 1
Lumber, building material, and hardware stores 14	Annual rate of deposit turnover	4.5	+ 5	9		— 27	-	
Retail sales	EAGLE PASS (non 12.09	4)				— 14†	8	+ 20
Gasoline and service stations.		*)						
Postal receipts*		9.4	٥	.1. 44				
Building permits, less federal contracts \$ 156,725								
Bank debits (thousands)		-						
End-of-month deposits (thousands) \$ 4,378								
EDINBURG, (pop. 18,706) Postal receipts* \$ 11,376 -7 ** Employment (area) \$ 56,500 +1 +11 Percent unemployed (area) \$ 56,500 +1 +11 Percent unemployed (area) \$ 56,500 +1 +11 Percent unemployed (area) \$ 4.6 -2 -13 Percent unemployed (area) \$ 56,500 +1 +11 Percent unemploy							— 17	
Percent unemployed (area) 4.6 2 -18	Annual rate of deposit turnover							
Postal receipts* \$ 11,876 - 7 ***	EDIMBURG 1/ 40 = 0.43						+ 1	
Building permits, less federal contracts \$ 62,290	EDINBURG, (pop. 18,706)			_	Percent unemployed (area)	4.6	_ 2	— 13
Bank debits (thousands) \$ 14,636								
End-of-month deposits (thousands) ‡ \$ 9,521					FREDERICKSBURG (pop.	4,629)		
Annual rate of deposit turnover. 17.4					Retail sales			
Nonagricultural placements 186 -52 + 18					Drug stores	— Б†		
EDNA (pop. 5,038) Postal receipts* \$ 5,074			_					
Postal receipts* \$ 5,074 -20 +28 Bank debits (thousands) \$ 8,988 -7 +23 Bank debits (thousands) \$ 8,769 -6 +5 End-of-month deposits (thousands) \$ 8,769 -7 +18 End-o								
Postal receipts Solution So					= = :			
Bank debits (thousands) \$ 4,987 - 21 - 40 End-of-month deposits (thousands) \$ 6,762 - 5 + 1 Annual rate of deposit turnover	Postal receipts		- 20	+ 28				-
End-of-month deposits (thousands)				22				
Annual rate of deposit turnover 8.6 — 17 — 42 ENNIS (pop. 9,347) Postal receipts* \$ 8,159 — 18 — 25 Bank debits (thousands) \$ 6,185 — 19 + 5 End-of-month deposits (thousands) \$ 7,139 — 4 ** GAINESVILLE (pop. 13,083) Retail sales Drug stores — 5† — 13 — 8 Furniture and household appliance stores — 7† + 19 + 14 Postal receipts* \$ 15,519 + 22 + 38					A STRUCK TAVE OF REPORTS PARTICIPATION	12.07	·	
Retail sales Drug stores -5† -13 -8					CAINESVILLE (non 120	83)		
ENNIS (pop. 9,347) Drug stores — 5† — 13 — 8 Postal receipts* \$ 8,159 — 18 — 25 Furniture and household Bank debits (thousands) \$ 6,185 — 19 + 5 appliance stores — 7† + 19 + 14 End-of-month deposits (thousands) \$ 7,139 — 4 *** Postal receipts* \$ 15,519 + 22 + 38	Annual rate of deposit turnover	8.6	<u> </u>	— 42	· · · · · · · · · · · · · · · · · · ·	روي		
Bank debits (thousands) \$ 6,185 — 19 + 5 appliance stores — 7† + 19 + 14 End-of-month deposits (thousands) \$ 7,139 — 4 ** Postal receipts* \$ 15,519 + 22 + 38				. 	Drug stores	_ 5t	13	8
End-of-month deposits (thousands) \$ 7,139 — 4 ** Postal receipts* \$ 15,519 + 22 + 38								
Hunding permits, less rederal contracts \$ 145,120 - 64 +216								
		10.2	— 16	τ 2	number permits, less lederal contracts \$	140,120	— b4	T 410

T 15 1: 0 10		Percent change		Y 1 Business Conditions		Percent change		
Local Business Conditions		Feb 1964		Local Business Conditions	ч.		Feb 1964	
City and item	Feb 1964	from Jan 1964	from Feb 1963	City and item	Feb 1964	from Jan 1964	from Feb 1963	
GALVESTON (pop. 67,175)				GRANBURY (pop. 2,227)				
Retail sales	— 3t	14	+ 8	Postal receipts*\$	3,804	+ 10	+ 30	
Apparel stores	- 20t	18	+ 9	Bank debits (thousands)	1,551	- 12	+ 13	
Automotive stores	+ 161	— 5	+ 16	End-of-month deposits (thousands) ‡ . \$	2,047	**	— 3	
Food stores	— 6†	— 6	+ 8	Annual rate of deposit turnover	9.1	— 11	+ 17	
Furniture and household		45						
appliance stores	— 7† 98,980	_ 37 _ 7	- 3 + 2	GRAND PRAIRIE (pop. 30	1,386)			
Building permits, less federal contracts \$	675,410	+ 71	+ 12	Postal receipts*	32,138	+ 22	+ 81	
Bank debits (thousands)\$	89,552	- 15	+ 13	Building permits, less federal contracts \$	644,785	+ 3	+ 71	
End-of-month deposits (thousands) \$ \$	60,992	**	+ 1	Bank debits (thousands)\$	17,592	<u> </u>	3	
Annual rate of deposit turnover	17.6	— 14	+ 14	End-of-month deposits (thousands) ‡ . \$	11,804	— 3	+ 8	
Employment (area)	54,800	+ 1	+ 4	Annual rate of deposit turnover	18.4	— 4	- 9	
Manufacturing employment (area)	10,400	— 1 **	+ 1	Employment (area)	500,600	+ 1	+ 5	
Percent unemployed (area)	6.0	***	24	Manufacturing employment (area). Percent unemployed (area)	112,700 4.0	- ** - 2	+ 7 - 7	
GARLAND (pop. 38,501)				Tercent unemployed (area)				
Retail sales	— 3t	+ 10	+ 0 9	GRAPEVINE (pop. 2,821)				
Apparel stores	— 31 — 20†	+ 3	+ 10	•			_	
Automotive stores	+ 16†	+ 12	+ 10	Postal receipts*	3,637	10	— 7	
Postal receipts*	42,892	- 22	+ 8	Building permits, less federal contracts \$ Bank debits (thousands)\$	17,800 2 151	+ 38	+691 + 19	
Building permits, less federal contracts \$ 1	,398,470	33	34	End-of-month deposits (thousands) 1	3,151 3,147	14 •*	+ 13 + 12	
Bank debits (thousands)\$	32,064	— 37	+ 15	Annual rate of deposit turnover	12.0	- 18	+ 3	
End-of-month deposits (thousands) \$. \$	17,864	8	+ 25					
Annual rate of deposit turnover	21.2	_ 37	5	GREENVILLE (pop. 19,08	7)			
Employment (area)	500,600	+ 1 **	+ 5 + 7			-		
Manufacturing employment (area). Percent unemployed (area)	112,700 4.0	_ 2	- 7	Retail sales Drug stores	— 3† — 5†	— 5 — 8	+ 11 + 5	
Tercent unimprojec (acca)	4.0			Food stores	— 6†	— 0 — 14	8	
CATEGUILE (non 4 696)				Postal receipts*	23,528	_ 9	+ 17	
GATESVILLE (pop. 4,626)				Building permits, less federal contracts \$	65,440	— 6 5	— 55	
Postal receipts*	6,798	+ 7	+ 6	Bank debits (thousands)\$	15,251	— 11	+ 2	
Bank debits (thousands)\$	5,834	$-17 \\ -2$	+ 7 + 2	End-of-month deposits (thousands) \$\\$.\$	13,610	— 4	3	
End-of-month deposits (thousands) ‡ . \$ Annual rate of deposit turnover	5,864 10.8	2 16	+ 5	Annual rate of deposit turnover Nonagricultural placements	13.2 95	— 8 — 8	+ 3 +116	
GIDDINGS (pop. 2,821)				•				
Postal receipts*	4,166	+ 27	+ 8	HALE CENTER (pop. 2,19	-			
Building permits, less federal contracts \$	22,000	15	— 58	Postal receipts*	1,966	+ 8	+ 24	
Bank debits (thousands)\$	3,137	- 14	+ 14	Building permits, less federal contracts \$ Bank debits (thousands)\$	29,000			
End-of-month deposits (thousands) 1. \$	4,131	+ 1	ęs	End-of-month deposits (thousands) \$	3,670 4,960	56 22	+ 1 - 13	
Annual rate of deposit turnover	9.2	— 12	+ 14	Annual rate of deposit turnover	7.8	- 52	+ 10	
GILMER (pop. 4,312)				HARLINGEN (pop. 41,207)				
Retail sales				Retail sales	, — 3†	+ 1	+ 6	
Lumber, building material,				Automotive stores	— a ₁ 4 16†	$^+$ 1 $^+$ 2	+ 14	
and hardware stores	+ 18†	**	6	Gasoline and service stations	3 †	- 6	- 11	
Postal receipts*\$	4,825	— 18	— .10	Lumber, building materials,	• •	. •		
Building permits, less federal contracts \$	12,500	11	— 19	and hardware stores	+ 18†	+ 11	— 1 5	
OF I PRINT I PRINT I				Postal receipts*	32,810	+ 1	2	
GLADEWATER (pop. 5,742	2)			Building permits, less federal contracts \$	39,900	- 33	← 40	
Postal receipts*\$	7,624	+ 21	+ 40	Bank debits (thousands)\$	34,193	17	+ 9	
Bank debits (thousands)\$	3,810	25	+ 14	End-of-month deposits (thousands) ‡ . \$	19,741 20.2	5 15	— 1 + 8	
End-of-month deposits (thousands) \$ \$	3,839	**	— 7 - 24	Annual rate of deposit turnover Employment (area)	34,750	— 15 + 1	+ 2	
Annual rate of deposit turnover	10.4	— 20 — 1	+ 24	Manufacturing employment (area).	4,950	$^+$ 5	+ 8	
Employment (area)	28,700 5,760	+ 1 + 1	+ 1 + 2	Percent unemployed (area)	7.6	— 10	- 10	
Percent unemployed (area)	5.6	<u> </u>	3	Nonagricultural placements	487	+ 19	+ 54	
GOLDTHWAITE (pop. 1,38	33)			HEMPSTEAD (pop. 1,505)				
Postal receipts*\$	1,757	— 20	10	Postal receipts*\$	5,001	— 8	17	
Bank debits (thousands)\$	3,586	— 15	— 2	Bank debits (thousands)\$	1,375	— 10	+ 8	
End-of-month deposits (thousands) \$. \$	5,537	- 4	+ 26	End-of-month deposits (thousands) ‡\$	2,149	— 3	8	
Annual rate of deposit turnover	7.6	. — 15	— 23	Annual rate of deposit turnover	7.6	10	+ 9	
GRAHAM (pop. 8,505)		• • • • • • • • • • • • • • • • • • • •		HENDERSON (pop. 9,666)	·			
	10.00*	1 05	ш. ∢			11		
Postal receipts* \$ Building permits, less federal contracts \$	10,291	+ 20 85	+ 1 - 96	Postal receipts*	10,725 72,500	11 +117	— 9 + 3	
Bank debits (thousands)\$	1,600 8,805	— 80 — 11	— 96 + 2	Bank debits (thousands)\$	6,066	 21	т з 23	
End-of-month deposits (thousands) ‡. \$	10,168	— î	+ 1	End-of-month deposits (thousands) ‡\$	17,777	- 4	+ 4	
Annual rate of deposit turnover	10.8	- 1	**	Annual rate of deposit turnover	4.0	— 20	27	

APRIL 1964

Local Business Conditions		Percent change		Local Business Conditions		Percent change	
City and item	Feb 1964	Feb 1964 from	Feb 1964 from Feb 1963	City and item	Feb 1964	Feb 1964 from Jan 1964	from
HEREFORD (pop. 9,584r)	1001	D LL11 17 V 1	1001000		1201	8 2H 1364	Fed 1900
Postal receipts*	11 505			JUSTIN (pop. 622)			
Building permits, less federal contracts		+ 28 82	+ 8 +143	Postal receipts*\$	867	+ 51	+ 24
Bank debits (thousands)		02 21	+ 40	Bank debits (thousands),\$	1,198	— 17	3
End-of-month deposits (thousands) ‡		10	+ 13	End-of-month deposits (thousands) ‡. \$	841	- 6	— 1
Annual rate of deposit turnover	15.6	— 20	+ 25	Annual rate of deposit turnover	16.6	— 1 5	 6
HOUSTON (pop. 938,219)				KATY (pop. 1,569)			
Retail sales	— 8 †	— 4	+ 9	Postal receipts*\$	2,613	+ 8	+ 9
Apparel stores	— 14†	— 13	+ 11	Building permits, less federal contracts \$	47,975	— 21	+214
Automotive stores	1†	— 4	+ 18	Bank debits (thousands)\$	2,174	— 9	+ 5
Eating and drinking places	— 7† — 3†	5 4	— 11 + 9	End-of-month deposits (thousands) ‡\$ Annual rate of deposit turnover	2,552 9.9	— 6 — 8	+ 8 4
Food stores	3†	_ i	+ 11	Table of deposit our foreign.		_ 0	
Furniture and household	***	_		KERMIT (pop. 10,465)			
appliance stores	**† 4†	— Б — 9	+ 11 **				
General merchandise stores		— , + 1	+ 22	Retail sales Drug stores	6†	_ 2	+ 2
Liquor stores	— 1 f	8	+ 14	Postal receipts*	8,320	— 2 + 2	+ 3
Lumber, building materials,		_		Building permits, less federal contracts \$	40,050	+ 41	89
and hardware stores	+ 2†	— 7 — 9	— 12 c				
Building permits, less federal contracts		— 2	+ 6 + 52	KILGORE (pop. 10,092)			
Bank debits (thousands)		— 9	+ 21	Retail sales			
End-of-month deposits (thousands) \$. :		— 1	+ 2	Automotive stores	+ 16†	— Б	— 6
Annual rate of deposit turnover	27.2	- 6	+ 17	Postal receipts*	15,682	+ 2	+ 8
Employment (area) Manufacturing employment (area)	569,400	44	+ 5	· · · · · · · · · · · · · · · · · ·	102,000	+464	+131
Percent unemployed (area)	96,600 4.8	_ 2	+ 6 — 10	Bank debits (thousands)\$	11,771	- 11	+ 14
				End-of-month deposits (thousands)‡\$ Annual rate of deposit turnover	13,042 10.8	— 1 — 10	+ 5 + 8
HUMBLE (pop. 1,711)				Employment (area)	28,700	— 10 + 1	+ 1
Postal receipts*	4,230	+ 11	+ 40	Manufacturing employment (area).	5,760	+ 1	+ 2
Building permits, less federal contracts		+ 11	+ 77	Percent unemployed (area)	5.6	- 7	— 3
Bank debits (thousands)	2,928	— 10	+ 2				
End-of-month deposits (thousands) ‡ . !		+ 1	+ 18	KILLEEN (pop. 23,377)			
Annual rate of deposit turnover	10.4	— 13	— 13	Postal receipts ^a \$	42,650	44	+ 4
HUNTSVILLE (non 11 00	10.)			Building permits, less federal contracts \$ 3,		+ 60	+602
HUNTSVILLE (pop. 11,99		1 44		Bank debits (thousands)\$	18,422	— 1	+ 32
Postal receipts* Building permits, less federal contracts		+ 22 +290	23 + 39	End-of-month deposits (thousands) ‡. \$	11,964	**	+ 17
Bank debits (thousands)		— 3	— 7	Annual rate of deposit turnover	18.4	— 3	+ 12
End-of-month deposits (thousands) ‡		- i	+ 8				
Annual rate of deposit turnover	10.2	2	- 12	KINGSLAND (pop. 150)			
IOWA DADIZ (E 000-				Postal receipts*	668	+ 6	+ 29
IOWA PARK (pop. 5.000r	•			Bank debits (thousands)\$	735	+ 25	• • • •
Building permits, less federal contracts :		70	90	End-of-month deposits (thousands) : . \$ Annual rate of deposit turnover	506 18.1	+ 8 + 20	• • •
Bank debits (thousands)		+ 2 2	+ 17 + 1	Annual race of deposit burnover	. 10.1	T 40	
Annual rate of deposit turnover	12.3	+ 5	+ 15	KINGSVILLE (pop. 25,297)			
IRVING (pop. 45,985)				Retail sales			
Postal receipts*	53,727	+ 48	+ 62	Drug stores	— 5 †	a	+ 9
Building permits, less federal contracts		— 83	37	Postal receipts*\$	18,070	+ 6	+ 26
Bank debits (thousands)		12	+ 28	Building permits, less federal contracts \$	31,070	79	— 82 ′ 80
End-of-month deposits (thousands) 1 . :		– 2	+ 28	Bank debits (thousands)\$ End-of-month deposits (thousands)‡\$	12,344 14,145	+ 8 — 10	+ 20 **
Annual rate of deposit turnover	22,8	- 11	+ 1	Annual rate of deposit turnover	9.9	— 10 + 4	+ 13
JACKSONVILLE (pop. 16							=
Postal receipts*		— 22	— 18	KIRBYVILLE (pop. 1,660)			
Building permits, less federal contracts		- 69	- 37	Postal receipts*\$	3,684	+ 4	+ 8
Bank debits (thousands) End-of-month deposits (thousands) \$\frac{1}{2}\$		+ 2 - 4	+ 42 + 2	Bank debits (thousands)\$	2,171	+ 3	+ 10
Annual rate of deposit turnover	16.7	+ 5	+ 84	End-of-month deposits (thousands) ‡\$ Annual rate of deposit turnover	3,334 7.9	+ 2 + 7	+ 9 + 3
JASPER (pop. 4,889)							
Retail sales	·- 3†	+ 14	+ 14	LA FERIA (pop. 3,047)			
Postal receipts*		+ 2	+ 13	Postal receipts*\$	1,874	31	14
Building permits, less federal contracts:		97	17	Building permits, less federal contracts \$	7,600	— <u>1</u>	+561
Bank debits (thousands) End-of-month deposits (thousands) ‡		— 3 — 9	+ 23 — 2	Bank dehits (thousands)\$ End-of-month deposits (thousands)\$.\$	1,933	— 9 — 3	+ 18 + 11
Annual rate of deposit turnover	14.5	— s — 6	— 2 + 38	Annual rate of deposit turnover	1,561 14,7	— 3 — 15	+ 11 + 7
- '		-				-0	•

r 17 ' C 17'		Percent	change	Total Danier of Conditions		Percent	change
Local Business Conditions		Feb 1964	Feb 1964	Local Business Conditions		Feb 1964	
City and item	Feb 1964	from Jan 1964	from Feb 1963	City and item	Feb 1964	from Jan 1964	from Feb 1963
LA MARQUE (pop. 13,969))			LOCKHART (pop. 6,084)			
Postal receipts*\$	9,742	1	_ 2	Postal receipts*\$	4,516	— б	+ 2
Building permits, less federal contracts \$	117,017	— 63	75	Building permits, less federal contracts \$	11,140	+380	— 45
Bank debits (thousands)\$	10,600	— 10	+ 28	Bank debits (thousands)\$	4,752	19	11
End-of-month deposits (thousands) \$. \$	5,645	4	— 3	End-of-month deposits (thousands) ‡ . \$	5,418	— 4	+ 5
Annual rate of deposit turnover Employment (area)	22.1 54,800	8 + I	+ 32 + 4	Annual rate of deposit turnover	10.3	— 16	10
Manufacturing employment (area)	10,400	- 1	+ 1	LONGVIEW (non 40.050)		,	
Percent unemployed (area)	6.0	海绵	24	LONGVIEW (pop. 40,050)	**		
				Retail sales Apparel stores	8† 20†	14 10	+ 10 + 9
LAMESA (pop. 12,438)				Automotive stores	+ 16†	— 16	+ 11
Retail sales				Lumber, building materials,			
Automotive stores	+ 16†	— 6	+ 2	and hardware stores	+ 18†	+ 4	- 9
Drug stores	5 †	10	<u> </u>	Postal receipts" \$ Building permits, less federal contracts \$	58,708 817,000	— 3 — 47	+ 11 34
Lumber, building materials,			_	Bank debits (thousands)\$	47,983	— x1 — 18	+ 8
and hardware stores	+ 18†	29	 7	End-of-month deposits (thousands) \$. \$	39,005	— 4	+ 4
Postal receipts* \$ Building permits, less federal contracts \$	13,755 299,100	+ 10 + 38	+ 10 + 15	Annual rate of deposit turnover	14,4	— 8	— 3
Bank debits (thousands)\$	18,990	_ 47	_ 11	Employment (area)	28,700	+ 1	+ 1
End-of-month deposits (thousands) # . \$	19,964	14	- 4	Manufacturing employment (area)	5,760	+ 1	+ 2
Annual rate of deposit turnover	10.6	— 45	— 9	Percent unemployed (area)	5.6	T	— 3
Nonagricultural placements	56	+ 12	— 10	LOS EDESMOS (non 1996	11		
				LOS FRESNOS (pop. 1,289		-	10
LAMPASAS (pop. 5,061)				Postal receipts*\$ Bank debits (thousands)\$	987 1,270	— 7 — 15	— 16 + 24
Postal receipts*\$	6,373	+ 20	+ 18	End-of-month deposits (thousands) ‡\$	1,399	2	+ 18
	155,100	+501	+110	Annual rate of deposit turnover	10.8	14	+ 9
Bank debits (thousands) \$	6,635	- 17	+ 1				
End-of-month deposits (thousands) ‡\$	6,065	1	- 3	LUBBOCK (pop. 128,691)			
Annual rate of deposit turnover	13.1	— 11	+ 14	Retail sales	— 3†	— 20	→ 9
				Apparel stores	— 20†	- 11	+ 21
LA PORTE (pop. 4,512)				Automotive stores	+ 16†	— 18	13
Building permits, less federal contracts \$	194,400	— 7 5	+1149	Furniture and household	74	10	14
Bank debits (thousands)\$	4,668	+ 2	+ 20	appliance stores General merchandise stores	— 7† — 14†	— 18 — 20	— 14 + 6
End-of-month deposits (thousands) 1 8	2,860	4	25	Postal receipts#\$	214,743	- 6	2
Annual rate of deposit turnover	19.2	+ 3	+ 56	Building permits, less federal contracts \$		+118	+197
				Bank debits (thousands)\$	272,811	— 39	+ 15
LAREDO (pop. 60,678)				End-of-month deposits (thousands) ‡\$	184,222	- 7	+ 1
Retail sales	3†	0.0	+ 15	Annual rate of deposit turnover Employment (area)	23.5 57,500	— 37 **	+ 14 + 7
Apparel stores	— 20†	+ 9	+ 8	Manufacturing employment (area)	5,950	— i	**
Postal receipts [®] \$	36,216	— 13	5	Percent unemployed (area)	8.5	— 19	— 24
Building permits, less federal contracts \$	184,725	— 83	+ 27 + 6				
Bank debits (thousands)\$ End-of-month deposits (thousands)1\$	34,194 27,191	— 11 **	+ 6 + 8	LUFKIN (pop. 17,641)			
Annual rate of deposit turnover	15.1	— 12	_ i	Retail sales			
Employment (area)	18,750	* 4 :	+ 1	Automotive stores	+ 16†	+ 29	+ 11
Manufacturing employment (area).	1,310	**	+ 4	Postal receipts*\$	26,667	- 7	— 15
Percent unemployed (area)	13.3	+ 6	+ 2	Building permits, less federal contracts \$	315,350	12	+ 66
Nonagricultural placements	585	+ 32	+ 84	Bank debits (thousands)\$	31,471	– 8	+ 18
				End-of-month deposits (thousands) \$\frac{1}{2}\$. \$ Annual rate of deposit turnover	28,639 18.1	— 1 — 8	+ 5 + 11
LEVELLAND (pop. 10,153))			Nonagricultural placements	50	+ 6	_ 9
Retail sales Automotive stores	+ 16†	— 26	+ 6	McALLEN (pop. 32,728)			
Postal receipts*\$	9,395	- 11	<u> </u>	Retail sales	8†	**	+ 18
Building permits, less federal contracts \$	127,800	+ 67	— 15	Apparel stores	20†	— 18	+ 20
LITTLEFIELD (pop. 7,236)		-	Automotive stores Food stores Furniture and household	+ 16† 6†	+ 6 - 10	+ 29 3
Retail sales			_	appliance stores	— 7t	— 20	9
Automotive stores	+ 16†	— 13 24	4 1 0	Gasoline and service stations	3†	8	10
Postal receipts*	7,841 169,400	-24 + 80	+ 8 +143	Postal receipts*	34,865	${+}$ 2	+ 1 49
	100,900		1 140	Building permits, less federal contracts \$ Bank debits (thousands)	171,550 32,186	+ 41 13	49 + 7
LLANO (pop. 2,656)				End-of-month deposits (thousands) \$ Annual rate of deposit turnover	28,288 16.7	+ 2 - 14	+ 4 + 2
Postal receipts*	2,851	— 5	+ 10	Employment (area)	41,950	94	+ 5
Bank debits (thousands) \$	2,802	19	+ 9	Manufacturing employment (area).	5,180	+ 7	+ 9
End-of-month deposits (thousands) ‡ . \$	4,103	- 2	+ 4	Percent unemployed (area)	10.7	+ 1	+ 2
Annual rate of deposit turnover	8.1	16	+ 4	Nonagricultural placements	341	+ 24	+ 44

Local Business Conditions		Percent	change	Local Business Conditions		Percent	change
Local Dusiness Conditions	F eb	Feb 1964 from	Feb 1964 from	Local Dusiness Conditions	Feb	Feb 1964 from	Feb 1964 from
City and item	1964		Feb 1968	City and item	1964		Feb 1963
McCAMEY (pop. 3,375)				MIDLOTHIAN (pop. 1,521)			
Postal receipts*\$	3,875	+ 48	+ 38	Building permits, less federal contracts \$	17 500	 65	+ 75
Bank debits (thousands)	1,733	— 11	+ 4	Bank debits (thousands)\$	17,500 921	— 95 — 35	8
Annual rate of deposit turnover	1,700 12.0	- 3 - 12	7 + 13	End-of-month deposits (thousands) : \$	1,337	- 6	— 16
McGREGOR (pop. 4,642)				Annual rate of deposit turnover	8.0	29	+ 7
Building permits, less federal contracts \$	22,500		+650	MINERAL WELLS (pop. 11.	.053)		
Bank debits (thousands)\$	3,980	— 16	+ 29		, ,		
End-of-month deposits (thousands) ‡\$ Annual rate of deposit turnover	5,787 8.1	** 16	+ 6 + 23	Retail sales Automotive stores	+ 16†	+ 16	+ 39
				Postal receipts* \$ Building permits, less federal contracts \$	11,073 205,700	- 36 - 12	35 + 32
McKINNEY (pop. 13,763)				Bank debits (thousands)\$	11,455	— 16	— б
Retail sales	• •			End-of-month deposits (thousands) \$	11,756	— 5	6
Food stores Postal receipts* \$	— 6† 11,846	+ 5 — 17	+ 21 + 11	Annual rate of deposit turnover	11.4 63	12 + 26	+ 14 — 18
Building permits, less federal contracts \$	75,150	80	— 16	Nonagricultural placements	69	T 20	— 10
Bank debits (thousands) \$	10,752	— 8	+ 11				
End-of-month deposits (thousands) 1 \$	10.177	- 4	+ 4	MISSION (pop. 14,081)			
Annual rate of deposit turnover	12,4	- 6	+ 5				
Nonagricultural placements	62	— 5	— 18	Retail sales			
35173077177 / 00.0101	· · · -			Drug stores	— 5†	+ 5	+ 11
MARSHALL (pop. 23,846)				Postal receipts*	10,029	+ 28	+ 6 + 2521
Retail sales	— 3†	- 13	+ 7	Building permits, less federal contracts \$	906,940	+1374	+2521
Apparel stores	— 20†	- 26	+ 8	Bank debits (thousands)\$	11,559	9	+ 15
Postal receipts*	28,052	— 6	+ 6	End-of-month deposits (thousands) ‡ . \$	8,592	- 1	1 11
Building permits, less federal contracts \$	68,903	+ 21	— 18	Annual rate of deposit turnover	16.1	— 6	+ 21
Bank debits (thousands)\$	17,373	12	+ 1				
End-of-month deposits (thousands) ‡ . \$	22,477	94	+ 1	MONAHANS (pop. 8,567)			
Annual rate of deposit turnover	9.3	— 11	+ 1	"LOLING (Pop. 0,001)			
Nonagricultural placements	178	— 4	+ 70	Postal receipts*\$	8,643	— 17	— 18
MEDCEDEC (10040)				Building permits, less federal contracts \$	272,570	+275	+1368
MERCEDES (pop. 10,943)			•	Bank debits (thousands)\$	10,260	- 6	+ 5
Postal receipts*\$	6,411	+ 34	+ 28	End-of-month deposits (thousands) \$	7,649	– 7	_ 2
Building permits, less federal contracts \$	46,369	+ 61	— 77	Annual rate of deposit turnover	15.5	— 4	+ 5
Bank debits (thousands)\$	5,498	+ b	— 4				
End-of-month deposits (thousands) : \$ Annual rate of deposit turnover	3,659 17.3	— 8 + 7	+ 1 — 6	MOUNT PLEASANT (pop.	8,027)		
	14.0	·····		Retail sales			
MESQUITE (pop. 27,526)				Apparel stores	— 20†	+ 5	+ 11
Retail sales				Postal receipts*\$	11,674	+ 7	+ 17
Eating and drinking places	— 6†	+ 10	÷ 25	Building permits, less federal contracts \$	120,550	— 6	+299
Postal receipts ^a	16,743	+ 28	+ 21	Bank debits (thousands)	10,186	— 11	+ 12
Building permits, less federal contracts \$	390,460	+ 18	77	End-of-month deposits (thousands) ‡\$	8,355	— 1	+ 16
Bank debits (thousands)	7,646	– 8	+ 3	Annual rate of deposit turnover	14.6	— 10	2
End-of-month deposits (thousands) \$.\$	6,424	— 2	+ 10				
Annual rate of deposit turnover	14.1	3	+ 2	ACTIONICIPATE (1 100)			
Employment (area)	500,600	+ 1	+ 5	MUENSTER (pop. 1,190)			
Manufacturing employment (area).	112,700	**	+ 7	Postal receipts*	1,104	37	17
Percent unemployed (area)	4.0	— 2	— 7	Building permits, less federal contracts \$	6,000	+ 29	
MEXIA (pop. 6,121)			•	Bank debits (thousands)\$	2,216	— 9	+ 12
Postal receipts*	6 861			End-of-month deposits (thousands) ‡. \$	2,275	— 2	+ 8
Building permits, less federal contracts \$	6,201	— 8 ⊥243	— 8 1999	Annual rate of deposit turnover	11.5	— 5	+ 4
Bank debits (thousands)\$	106,000 4,203	+342 14	+838 **				
End-of-month deposits (thousands) ‡\$	5,141	— 14 — 3	+ 10	NACOGDOCHES (pop. 12,6	374)		
Annual rate of deposit turnover	9.7	12	— 9	Retail sales	,,,,		
MIDLAND (pop. 62,625)				Apparel stores	20†	7	+ 18
Retail sales	— 3 †	16	+ 13	Postal receipts*\$	17,824	— 17	+ 6
Apparel stores	— 20†	+ 6	- 10 - 10	Building permits, less federal contracts \$	93,846	— 5 5	+ 37
Automotive stores	+ 16†	14	+ 13	Bank debits (thousands)\$	20,527	— 11	+ 30
Drug stores	~ ~ 6†	+ 1	+ 12	End-of-month deposits (thousands) 1. \$	19,639	— 1	+ 10
Postal receipts	94,068	- 20	7	Annual rate of deposit turnover	12.5	- 7	+ 21
Building permits, less federal contracts \$	900,375	— 64	- 39	Nonagricultural placements	88	7	— 13
Bank debits (thousands)\$	124,931	15	+ 4				
End-of-month deposits (thousands) \$. \$	103,574	– 2	+ 4	MEDEDIAND /man 10 000	9		
Annual rate of deposit turnover	14.3	— 12	i	NEDERLAND (pop. 12,036	· .		
Employment (area)	55,400	- 1	_ 8	Postal receipts*\$	8,069	14	22
Manufacturing employment (area).	4,080	+ 2	<u> </u>	Bank debits (thousands) \$	5,745	- 1	+ 15
Percent unemployed (area)	4.2	+ 2	— 9	End-of-month deposits (thousands) ‡ \$	4,659	_ 7	+ 17
Nonagricultural placements	615	+ 11	+ 4	Annual rate of deposit turnover	14.3	– 2	— б

Duginasa Conditions		Percent	change	Local Business Conditions		Percent	change
Local Business Conditions	V7-1	Feb 1964		Local Business Conditions	Feb	Feb 1964 from	Feb 190 from
City and item	Feb 1964	from Jan 1964	from Feb 1963	City and item	1964	Jan 1964	
NEW BRAUNFELS (pop.	15,631)			PASADENA (pop. 58,737)			
Retail sales				Retail sales	— 3†	— 3	+ 7
Automotive stores	+ 16†	**	+ 21	Apparel stores	— 20 †	9	+ 16
Postal receipts*\$	21,265	+ 11	— 1	Automotive stores	+ 16†	4	+ 6
Building permits, less federal contracts \$	138,790	+ 43	25	General merchandise stores	— 14t	+ 6	+ 18
Bank debits (thousands)\$	12,418	— 8	— <u>1</u>	Postal receipts*\$	44,779	+ 26	+ 6
End-of-month deposits (thousands) ‡ . \$	11,952	— <u>2</u>	2	Building permits, less federal contracts \$ Bank debits (thousands)\$	693,050 48,126	— 58 — 16	- 76 + 18
Annual rate of deposit turnover	12.8	5	+ 1	End-of-month deposits (thousands) \$	30,044	— 16 — 6	+ 10
NORTH RICHLAND HILLS	S (pop.	8,662)		Annual rate of deposit turnover	18.7	17	+ :
Building permits, less federal contracts \$	130,976	51	— 87	PECOS (pop. 12,728)			
Bank debits (thousands)	4,432 3,398	— 13 + 2	+105 +152	Postal receipts"\$	11,021	+ 8	— 1
End-of-month deposits (thousands) ‡ \$ Annual rate of deposit turnover	15.8	16	19	Building permits, less federal contracts \$	67,925	+353	+13
Annual rate of deposit turnover	2010			Bank debits (thousands)\$	17,513	— 26	+
ODECCA (man OA 990)				End-of-month deposits (thousands) ‡. \$	11,248	— <u>5</u>	
ODESSA (pop. 80,338)				Annual rate of deposit turnover	18.2	22	+ ,
Retail sales	— 3 †	— 9	+ 16	Nonagricultural placements	47	— 4	2
Furniture and household	- .	_	1 00	DILADD (mar. 14100)	•		
appliance stores	<u> </u>	— 5	+ 26	PHARR (pop. 14,106)			
Postal receipts*\$	81,587	+ 1	+ 6	Postal receipts*\$	7,395	+ 21	+
Building permits, less federal contracts \$	618,062	+ 40	— 2 3	Building permits, less federal contracts \$	54,285	+ 2	+ 1
Bank debits (thousands)\$	76,563	18	+ 7 + 9	Bank debits (thousands)\$	3,846	- 24	_
End-of-month deposits (thousands) 1. \$	77,265	— 11 — 16	+ 2	End-of-month deposits (thousands) \$. \$	3,963	— 24	
Annual rate of deposit turnover	11.2 55,400	— 16 — 1	— ä	Annual rate of deposit turnover	10.0	22	_ :
Employment (area)	4,080	+ 2	2			 	
Percent unemployed (area)	4,2	+ 2	9	PILOT POINT (pop. 1,254)			
Nonagricultural placements	364	— 16	+ 1	Building permits, less federal contracts \$	14,850	24	:
Nonagricultural placements	001	10		Bank debits (thousands)	1,069	- 16	+
00 1000 (02 402)				End-of-month deposits (thousands) ‡ . \$	1,699	8	
ORANGE (pop. 25,605)				Annual rate of deposit turnover	7.4	— 11	+ :
Retail saies	— 3 †	— 18	+ 3				
Postal receipts*\$	27,671	20	+ 23	PLAINVIEW (pop. 18,735)			
Building permits, less federal contracts \$	334,424	+171	+182	Retail sales			
Bank debits (thousands)	29,160	— 11	+ 18	Automotive stores	+ 16†	+ 1	+ :
End-of-month deposits (thousands) ‡\$	24,992	— 13	+ 1	Lumber, building materials,	1 101	' -	'
Annual rate of deposit turnover	13.0	— 8	+ 10	and hardware stores	+ 18†	33	
Employment (area)	111,200	+ 1	+ 6	Postal receipts ^a \$	28,649	2	+
Manufacturing employment (area)	34,720	8	+ 1	Building permits, less federal contracts \$	851,000	+380	+6
Percent unemployed (area)	7,5	+ 10	— 10 1 co	End-of-month deposits (thousands) 1. \$	31,471	13	+
Nonagricultural placements	162	+ 13	+ 62	Nonagricultural placements	224	— 21	+
PALESTINE (pop. 13,974)				PORT ARTHUR (pop. 66,6	576)		
Postal receipts*\$	14,489	11	+ 9	Retail sales	- 3†	+ 2	+
Building permits, less federal contracts \$	93,093	+ 7	— 58	Automotive stores	+ 16†	+ 8	+
Bank debits (thousands)\$	11,392	— 7	+ 13	Furniture and household			
End-of-month deposits (thousands) ‡ \$	16,141	— <u>1</u>		appliance stores	— 7t	14	
Annual rate of deposit turnover	8.4	- 7	+ 15	Lumber, building materials,			
				and hardware stores	+ 18†	+ 7	_
PAMPA (pop. 24,664)				Postal receipts*	53,686	+ 1	+
Retail sales	— 8t	— 6	+ 5	Building permits, less federal contracts \$	387,632	61	+
Automotive stores	+ 16†	– 2	+ 13	Bank debits (thousands)\$	68,787	14	+
Eating and drinking places	61		+ 2	End-of-month deposits (thousands) 1\$	41,900	4	
Food stores	— 6†		- 1	Annual rate of deposit turnover	18.2	18	+
Postal receipts*\$	22,597	— 18	— 1 3	Employment (area)	111,200	+ 1	+
Building permits, less federal contracts \$		+147	+211	Manufacturing employment (area)	34,720	— 3	+
Bank debits (thousands) \$	21,469	 29	— 1 5	Percent unemployed (area)	7.5	+ 10	_
End-of-month deposits (thousands) \$ \$	21,046	**	15	DODE IGADEL / 9 75	~		
Annual rate of deposit turnover	12.3	28	+ 4	PORT ISABEL (pop. 3,578))		
Nonagricultural placements	213	+ 65	+ 85	Postal receipts*\$	2,755	+ 18	_
				Building permits, less federal contracts \$	3,290	— 82	
PARIS (pop. 20,977)				Bank debits (thousands)\$	1,218	18	+
Retail sales	3†	— 12	**	End-of-month deposits (thousands) ‡ \$	1,270	+ 5	+
Apparel stores	— 3† — 20†		+ 16	Annual rate of deposit turnover	11.8	18	_
Automotive stores	- 25† + 16†		- 4				
Postal receipts*		10 2	+ 10	PORT NECHES (pop. 8,69	6)		
		+156	+ 482	Postal receipts*\$	7,506	19	+
Building permits, less federal contracts \$	0.3,000			Building permits, less federal contracts \$	71,007	+ 2	+
Building permits, less federal contracts \$ Bank debits (thousands)	20.111	— 17	T 20				
Bank debits (thousands)\$		— 17 + 1	+ 25 + 6	Bank debits (thousands)\$	8,279	— 9	+
		- 17 + 1 - 15	+ 6 + 17	· · · · · · · · · · · · · · · · · · ·	8,279 6,261	— 9 — 4	+

Local Business Conditions		Feb 1964	change Feb 1964	Local Business Conditions		Percent Feb 1964	
City and item	Feb 1964	from Jan 1964	from Feb 1963	City and item	Feb 1964	from Jan 1964	from
QUANAH (pop. 4,564)				SAN ANTONIO (pop. 587,7	718)		
Postal receipts*\$	4,333	13	**	Retail sales	•	•	
Building permits, less federal contracts \$	54,500	+726	+765	Apparel stores	4† 15†	— 8 — 14	+ 1 + 8
Bank debits (thousands)\$	5,287	26	- 12	Automotive stores	**†	9	— 1
End-of-month deposits (thousands) ‡. \$	6,082	2	— 6	Drug stores	8t [°]	**	+ 6
Annual rate of deposit turnover	10.3	— 26	— 6	Eating and drinking places	— 5 †	— 1	— 1
				Food stores	 3†	Б	Б
RAYMONDVILLE (pop. 9,3	85)			appliance stores	**†	+ 13	+ 6
Retail sales				Gasoline and service stations	— 5 †	— 11	3
Automotive stores	+ 16†	— 12	***	General merchandise stores	— 8†	+ 4	+ 7
Food stores	6†	8	— 7	Jewelry stores	• • •	— 23 + 5	— 17 + 8
Lumber, building materials,	(104			Lumber, building material,		1 0	1. 0
and hardware stores	+ 18†	+ 10	— 14	and hardware stores	+ 5	 2	— 2
Building permits, less federal contracts \$	7,870 22,100	+ 39 36	— 4 — 67	Nurseries		+ 65	- 18
Bank debits (thousands)\$	6,421	- 00 + 11	+ 15	Postal receipts*\$	868,536	+ 7	+ 5
End-of-month deposits (thousands) 1. \$	8,087	+ 2	+ 1	Building permits, less federal contracts \$ 3	,618,754	50	— 16
Annual rate of deposit turnover	9.6	+ 7	+ 16	Bank debits (thousands)\$	683,026	— 15	+ 2
Nonagricultural placements	77	— 61	— 10	End-of-month deposits (thousands) ‡ \$	419,447	3	+ 2
<u> </u>				Annual rate of deposit turnover	19.2	— 13	**
DEFENCIO ((OLA)			 .	Employment (area)	214,000	** **	+ 2
REFUGIO (pop. 4,944)				Manufacturing employment (area).	25,550		+ 3
Retail sales				Percent unemployed (area)	5.1	— 2	— 1 2
Lumber, building materials,							
and hardware stores	+ 18†	+ 2	— 2 5	SAN BENITO (pop. 16,422))		
Postal receipts*\$	4,727	+ 10	+ 16	Retail sales			
Building permits, less federal contracts \$	17,850		50	Automotive stores	+ 16†	**	— 13
<u></u>				Postal receipts*\$	6,955	18	— 12
RICHARDSON (pop. 16,810)	`			Building permits, less federal contracts \$	18,425	88	+111
THE TATELOSON (POP. 10,010)	,			Bank debits (thousands)\$	5,448	4	+ 12
Retail sales				End-of-month deposits (thousands) ‡ .\$	6,132	+ 3	<u> </u>
Apparel stores	— 20†	- 4	+ 17	Annual rate of deposit turnover	10.8	<u> </u>	+ 15
Postal receipts*	40,451	- 3	+ 26	Employment (area)	34,750	+ 1	+ 2 + 8
Building permits, less federal contracts \$ 1,	.011,079	— 50	27	Manufacturing employment (area). Percent unemployed (area)	4,950 7.6	+ 5 → 10	— 10
ROBSTOWN (pop. 10,266)					-		
Retail sales				SAN JUAN (pop., 4,371)			
Automotive stores	+ 16†	– 7	+ 9 .	Postal receipts*\$	2,514	2	- 20
Postal receipts*\$	7,975	+ 2	— 12	Building permits, less federal contracts \$	1,800	— 82	- 87
Building permits, less federal contracts \$	49,760	+ 77	+ 91	Bank debits (thousands)\$	2,362	+ 16	+ 38
Bank debits (thousands)\$	9,733	— 9	+ 20	End-of-month deposits (thousands) ‡ . \$	1,943	10	— 9
End-of-month deposits (thousands) \$\dagger\$. \$\Annual rate of deposit turnover	8,617	9 7	— 8	Annual rate of deposit turnover	13.9	+ 19	+ 42
Annual rate of deposit turnover	12.9	— 7	+ 25	SAN MARCOS (pop. 12,713	9		
ROCKDALE (pop. 4,481)				Postal receipts*\$	14,005	+ 26	+ 26
			•	Building permits, less federal contracts \$	58,800	— 43	- 8
Postal receipts*\$	4,424	+ 5	+ 4	Bank debits (thousands) \$	9,425	- 1	+ 25
Building permits, less federal contracts \$	2,060	88	+ 52	End-of-month deposits (thousands) : \$	10,311	8	+ 10
Bank debits (thousands)\$	4,504	б	+ 24	Annual rate of deposit turnover	10.8	— 5	+ 9
End-of-month deposits (thousands)‡\$ Annual rate of deposit turnover	6,261 8.6	— 2 — 7	+ 10 + 15			<u> </u>	
Annual rate of deposit turnover			T 19	SAN SABA (pop. 2,728)			
ROSENBERG (pop. 9,698)		٠.		Postal receipts*\$	3,138	—, 9	6
	# F04	0.4	6.6	Building permits, less federal contracts \$	25,000		
Postal receipts* Building permits, less federal contracts \$	7,564 74,750	-21 + 33	26 86	Bank debits (thousands)\$	4,314	. — 21	+ 28
End-of-month deposits (thousands) ‡. \$	9,207	 5	**	End-of-month deposits (thousands) \$ \$ Annual rate of deposit turnover	4,678 10.9	— 8 — 19	+ 3 + 27
SAN ANGELO (pop. 58,815)			SCHERTZ (pop. 2,281)	•		
Retail sales	3†	11	+ 8	Postal receipts*\$	1,176	34	_ 10
General merchandise stores	— 14†	— 14	+ 10	Bank debits (thousands)\$	530	— 25	
Postal receipts*	90,134	+ 6	+ 5	End-of-month deposits (thousands) \$\$	1,082	— 3	
	414,097	+ 25	– 1	Annual rate of deposit turnover	5.8	• • • •	
Bank debits (thousands)	55,940	- 21	+ 9				
End-of-month deposits (thousands) ‡. \$	49,218	— 5	+ 7	SEAGOVILLE (pop. 3,745)			
Annual rate of deposit turnover	13.3	— 20 1	+ 1		0.005		
Employment (area)	19,700 3,190	— 1 + 3	+ 3	Postal receipts \$ Building permits, less federal contracts \$	3,967	+ 15 + 45	+ 18 — 88
Percent unemployed (area)	5.9	2	т з 2	Bank debits (thousands)\$	9,821 2,394	+ 45 29	— 35 + 12
	010	-	-	- TOTAL WARMEN (MICHAELING) - TOTAL OF	2,004	20	1 12

Land Desirona Conditions	Percent change			Local Business Conditions	Percent change		
Local Business Conditions	Feb	from	Feb 1964 from		Feb	Feb 1964 from Jan 1964	from
City and item	1964	Jan 1964	Feb 1963	City and item	1964	Jan 1964	renino
SEGUIN (pop. 14,299)				SOUTH HOUSTON (pop. 7,	253)		
Retail sales		•		Postal receipts*\$	8,272	+ 11	+ 19
Automotive stores	+ 16†	- 19	+ 5	Building permits, less federal contracts \$	92,100	— 76	- 44
Postal receipts*	11,301	— 11	+ 3	Bank debits (thousands)\$	5,928	+ 2	+ 33
Building permits, less federal contracts \$	346,700	+214	+413	End-of-month deposits (thousands) 1 \$ Annual rate of deposit turnover	4,794 15.2	+ 5 **	+ 25 + 3
Bank debits (thousands)\$	11,918	— 9	+ 20	Annual rate of deposit curnover	19.5		т о
End-of-month deposits (thousands) ‡\$	15,304	+ 1	+ 4				
Annual rate of deposit turnover	9.4	10	+ 18	SULPHUR SPRINGS (pop.	9,160)		
				Retail sales Automotive stores	+ 16†	+ 9	+ 57
SHERMAN (pop. 24,988)				Postal receipts*	12,307	12	+ 16
Retail sales	— a†	— 10	+ 13	Building permits, less federal contracts \$ Bank debits (thousands)	73,550 13,366	— 33 — 4	11 + 33
Apparel stores	20 †	— 13	+ 17	End-of-month deposits (thousands) 1\$	12,905	— 4 — 4	+ 8
Automotive stores	+ 167	+ 5	+ 24	Annual rate of deposit turnover	12.2	_ 2	+ 28
Lumber, building material,		_		timidal task of deposits variously,			
and hardware stores	+ 18†	— 6 .1 5	+ 18 + 6				
Postal receipts*	36,566 376,879	+ 5 + 56	— 54	SWEETWATER (pop. 13,91	l 4)		
Building permits, less federal contracts \$ Bank debits (thousands)\$	29,679	— 21	— 64 + 14	Retail sales	— 3 †	+ 9	+ 22
End-of-month deposits (thousands) \$\$	19,863	21 2	+ 3	Automotive stores	+ 16†	+ 1.7	+ 24
Annual rate of deposit turnover	17.7	— 15	+ 12	Postal receipts*\$	12,210	- 38	+ 1
Nonagricultural placements	120	17	— 27	Building permits, less federal contracts \$	50,110	— 51	+271
				Bank debits (thousands) \$	12,261	28	+ 6
				End-of-month deposits (thousands) ‡ \$	10,143	- 7	— 3
SILSBEE (pop. 6,277)				Annual rate of deposit turnover	14,0	23	+ 6
SIESEE (pop. 0,211)				Nonagricultural placements	98	+ 89	十 26
Postal receipts* \$	7,697	3	 5				
Building permits, less federal contracts \$	31,550	+ 54	+ 6	TAYLOR (pop. 9,434)			
Bank debits (thousands)\$	4,782	— 1	+ 15	Retail sales			
End-of-month deposits (thousands) 1. 8	5,495	3 **	— 3	Automotive stores	+ 16†	**	+ 14
Annual rate of deposit turnover	10.3	40.00	+ 14	Postal receipts [‡] \$	7,584	— 22	1
				Bank debits (thousands)	7,840	26	+ 8
CYNYTTON (0.000)				End-of-month deposits (thousands) ‡. \$	14,849	_ 7	+ 6
SINTON (pop. 6,008)				Annual rate of deposit turnover	6.1	22	+ 2
Postal receipts*	4,968	44	— 6	Nonagricultural placements	15	- 29	+ 50
Building permits, less federal contracts \$	31,650	+199	_ 10	·			
Bank debits (thousands)\$	4,214	— 12	+ 7	TEMPLE (non 20 410)			
End-of-month deposits (thousands) ‡ \$	4,613	8	— 11	TEMPLE (pop. 30,419)			
Annual rate of deposit turnover	10.5	— 9	+ 18	Retail sales	— 3†	— 1	+ 12
				Apparel stores	201	— 22	64
				Furniture and household	-	1.00	
SLATON (pop. 6,568)				appliance stores	— 7†	+ 26	+ 9
·				Lumber, building material, and hardware stores	+ 18 ₹	- 15	+ 12
Postal receipts*	4,170	- 17	— <u>1</u>	Postal receipts*\$	45,656	+ 7	+ 6
Building permits, less federal contracts \$	7,950	— 45	— 74 	Building permits, less federal contracts \$	400,095	— 46	- 8
Bank debits (thousands)\$	4,726	30 14	+ 5 — 8	Bank debits (thousands)\$	88,756	_ 9	+ 30
End-of-month deposits (thousands) ‡. \$ Annual rate of deposit turnover	4,730 11.1	— 14 — 29	— 8 + 12	Nonagricultural placements	205	+ 4	+ 27
Employment (area)	57,500	20 **	+ 7				
Manufacturing employment (area)	5,950	— 1	**	TEDDETI (10000)			
Percent unemployed (area)	3.5	— 19	— 24	TERRELL (pop. 13,803)			
· · · · ·	,			Postal receipts*	8,570	+ 23	+ 18
				Building permits, less federal contracts \$	101,962	+153	+260
SMITHVILLE (pop. 2,933)				Bank debits (thousands)\$	9,187	- 7	+ 16
				End-of-month deposits (thousands) 1. \$	8,517	— 4	**
Postal receipts*\$	2,561	+ 23	+ 18	Annual rate of deposit turnover	12.7	2	+ 13
Building permits, less federal contracts \$	18,000	+800					
Bank debits (thousands)	1,252	— 20	+ 15	TEXARKANA (pop. 30,218	3)		
End-of-month deposits (thousands) 1 \$ Annual rate of deposit turnover	2,509	4 17	+ 8	Retail sales	3t	**	+ 31
Timuda tate of deposit turnover	5.9	17	+ 5	Automotive stores	+ 16†	+ 5	+ 48
SNYDER (pop. 13,850)				Furniture and household appliance stores	7†	21	+ 3
				Postal receipts*\$	62,077	— 17	+ 3
Retail sales				Building permits, less federal contracts \$	171,266	28	**
Automotive stores	+ 16	+ 14	+ 15	Bank debits (thousands)\$	64,193	— 11	+ 26
Postal receipts ² \$	11,635	23	+ 1	End-of-month deposits (thousands) ‡. \$	19,582	- 1	+ 6
Building permits, less federal contracts \$	35,650	— 38	+ 3	Annual rate of deposit turnover	18.2	— 12	+ 17
End of month densits (thousands) * *	15,099	— 18	+ 24	Employment (area)	21,600	**	+ 1
End-of-month deposits (thousands) ‡\$	18,465	- 6	$-1 \\ + 23$	Manufacturing employment (area). Percent unemployed (area)	6,450 7.0	_	+ 6
Annual rate of deposit turnover	9.5	— 15				 1	

Local Business Conditions		Percent	change	Local Business Conditions		Percent	change
Local Business Conditions	Feb	Feb 1964 from	Feb 1964 from	Local Business Conditions	Feb	Feb 1964 from	Feb 1964 from
City and item	1964		Feb 1963	City and item	1964	Jan 1964	Feb 1963
TEXAS CITY (pop. 32,065)			WACO (pop. 103,462)			
Postal receipts*\$	26,734	 5	— 3	(1100 (pap. 100)102)			
Building permits, less federal contracts \$	338,925	+ 49	+ 18	Retail sales	— a†	6	+ 5
Bank debits (thousands)\$	22,545	— 26	**	Apparel stores		— 8	+ 29
End-of-month deposits (thousands) ‡\$	15,140	3	+ 5	Automotive stores	+ 16†	+ 9 13	- 4 + 18
Annual rate of deposit turnover Employment (area)	17.6 54,800	26 + 1	— 5 + 4	Postal receipts*\$	— 14† 196,416	+ 12	+ 2
Manufacturing employment (area)	10,400	— 1	+ 1	Building permits, less federal contracts \$		+ 59	+ 92
Percent unemployed (area)	6.0	**	_ 24	Bank debits (thousands)\$	123,421	13	+ 6
				End-of-month deposits (thousands) ‡ . \$	79,826	— i	+ 6
TOMBALL (pop. 1,713)				Annual rate of deposit turnover	18.5	— 12	— 1
Bank debits (thousands)\$	8,047	**	+ 15	Employment (area)	51,600	**	. + 2
End-of-month deposits (thousands) ‡\$	6,581	+ 5	+ 5	Manufacturing employment (area).	10,490	+ 1	+ 3
Annual rate of deposit turnover	15.0	— 9	+ 14	Percent unemployed (area)	5.8	6	— 5
TYLER (pop. 51,230)							
Retail sales	— 3†	+ 6	+ 4	WEATHERFORD (pop. 9,7	759)		
Apparel stores	20†	+ 15	+ 14	Postal vessints*	11.010	40	
Automotive stores	+ 16†	+ 5	+ 5	Postal receipts*	11,218 253,000	— 12 	— 2 — 469
Postal receipts\$	98,596	— 16	9	End-of-month deposits (thousands) ‡ . \$	14,017	+899 **	+468 + 2
Building permits, less federal contracts \$		— 71	+ 76	Prio-or-months deposits (chodsands) 4\$	14,011		1 4
Bank debits (thousands)\$	99,234	— 16	+ 12				
End-of-month deposits (thousands) ‡\$	67,934	→ 8	+ 4	WEST ACO (non 15 640)			
Annual rate of deposit turnover Employment (area)	17.3 31,500	18	+ 5 + 1	WESLACO (pop. 15,649)			
Manufacturing employment (area)	7,740	**	+ 8	Retail sales			
Percent unemployed (area)	5.1	— 2	·— 2	Automotive stores	+ 16†	+ 18	+ 13
Nonagricultural placements	586	+ 35	13	Food stores	6t	+ 2	6
				Postal receipts*\$	12,847	+ 27	+ 23
UVALDE (pop. 10,293)				Building permits, less federal contracts \$	45,965	— 66	— 8 5
Retail sales				Bank debits (thousands)\$	9,221	— 10	+ 19
Food stores	6†	+ 2	+ 10	End-of-month deposits (thousands) \$. \$	7,809	+ 2	+ 4
Postal receipts*\$	13,420	+ 37	+ 53	Annual rate of deposit turnover	14.8	— 12	+ 15
Building permits, less federal contracts \$	60,077	+110	+ 38	_ · · · · · · · · · · · · · · · · · · ·			·
Bank debits (thousands)\$	10,776	14	13	***************************************			
End-of-month deposits (thousands) 1 \$	8,911	— 6	+ 2	WICHITA FALLS (pop. 10)1,724)		
Annual rate of deposit turnover	14,1	15	18	Retail sales	— 3 †	+ 1	+ 7
VERNON (pop. 12,141)			•	Apparel stores	20†	26	+ 8
Retail sales				Automotive stores	+ 16†	+ 10	+ 2
Automotive stores	+ 16†	16	+ 21	Furniture and household		,	
Postal receipts*	11,659	— 9	+ 2	appliance stores	— 7†	 14	+ 4
Building permits, less federal contracts \$	108,660	+ 64	+ 25	General merchandise stores	14†	20	+ 38
Bank debits (thousands)\$	14,214	— 25	+ 1	Postal receipts\$	125,860	+ 11	ተ 1
End-of-month deposits (thousands) \$ \$	19,665	2	+ 2	Building permits, less federal contracts \$	1,156,852	+ 91	+ 6
Annual rate of deposit turnover	8.6	24	**	Bank debits (thousands)\$	121,535	17	+ 7
Nonagricultural placements	74	+ 30	+ 90	End-of-month deposits (thousands) ‡ . \$	100,370	2	**
TITOMOTITA (00.01E)			 	Annual rate of deposit turnover	14,4	13	+ 6
VICTORIA (pop. 33,047)				Employment (area)	45,100	44	
Retail sales	— 3†	9	+ 2	Manufacturing employment (area). Percent unemployed (area)	4,060 4.9	— 8	+ 4 — 9
Apparel stores	20f	12	+ 19	research unemployed (area)	4.5	— a	— »
Food stores	+ 16†	— 16 — 7	+ 8 - 3				
Furniture and household	— 6†		— a	LOWER RIO GRANDE VA	LLEY	(non 35	2 086)
appliance stores	— 7†	+ 1	+ 6	(Cameron, Willacy and Hid			
Lumber building material,		, -	• -	(Cameron, Winacy and Inc	iaigo Ci	Julitics)	
and hardware stores	+ 18†	— 11	+ 17	Retail sales	— 3 †	联申	+ 8
Postal receipts*\$	41,072	2	— ı	Apparel stores	- 20†	— 18	+ 15
Building permits, less federal contracts \$	254,600	— 62	— 25	Automotive stores	+ 16†	+ 4	+ 15
Bank debits (thousands) \$	65,514	— 15	+ 6	Drug stores	— 5†	<u> </u>	+ 7
End-of-month deposits (thousands) ‡. \$	87,011	+ 3	+ 11	Eating and drinking places	6†	+ 7	+ 8
Annual rate of deposit turnover	9.2	— 12	— 3	Florists		+ 7	— 7
Nonagricultural placements	414	+ 10	+ 11	Food stores	— 6 †	1	— 3
WAYAHACHIE (non 1974	10.)			Furniture and household	7.4	e	19
WAXAHACHIE (pop. 12,74				appliance stores Gasoline and service stations	- 7† - 3†	6 7	13 12
Lumber, building material,				General merchandise stores	— 31 — 14†	4	+ 15
and hardware stores	+ 18†	0.9	— Б	Lumber, building material,	1781	•	. 10
Postal receipts ² \$	19,905	+ 17	_ 3 + 12	and hardware stores	+ 18†	- 8	7
Building permits, less federal contracts \$	309,500	+591	+ 71	Postal receipts*		+ 3	— 2
Bank debits (thousands)\$	10,744	— 8	+ 20	Building permits, less federal contracts		+ 22	+ 17
End-of-month deposits (thousands) 1 8	10,057	4	+ 4	Bank debits (thousands)		— 14	+ 4
Annual rate of deposit turnover	12.5	- 4	+ 14	End-of-month deposits (thousands)		— 8	— 1
Nonagricultural placements	57	+ 89	— 28	Annual rate of deposit turnover	16.0	14	+ 4

BAROMETERS OF TEXAS BUSINESS

All figures are for Texas unless otherwise indicated. All indexes are based on the average months for 1957-59, except where indicated; all are adjusted for seasonal variation, except annual indexes. Employment estimates are Texas Employment Commission data in cooperation with the Bureau of Labor Statistics of the U. S. Department of Labor. The index of Texas business activity is based on bank debits in 20 cities, adjusted for price level. An asterisk (*) indicates preliminary data subject to revision. Revised data are marked (r).

	Feb Jan		Feb	National Control of the Control of t	r-to-date average	
	1964	1964	1963	1964	1963	
GENERAL BUSINESS ACTIVITY						
Fexas business activity, index	146.6	142.9	132.8	144.8	135.6	
Miscellaneous freight carloadings in SW District, index	78.2	77.6	75.8	77.9	74.7	
Wholesale prices in U. S., unadjusted index	100.5	101.0	100.2	100.8	100.4	
Consumers' prices in Houston, unadjusted index	107.2	107 5	105.0	107.2	105.0	
consumers' prices in U. S., unadjusted index. ncome payments to individuals in U. S. (billions, at seasonally ad-	107.6	107.7	106.1	107.7	106.1	
justed annual rate)	\$ 478.3* 72	\$ 478.1r 54	\$ 452.9 52	\$ 478.2 63	\$ 453.5 54	
usiness failures (liabilities, thousands)	\$ 5,514	S 6,787	\$ 3,740	\$ 6,151	\$ 5,095	
lewspaper linage, index	106.8	108.6	105.6	107.7	107.6	
Ordinary life insurance sales, index	156.5	141.4	131.1	149.0	124.4	
TRADE	- 1	2 1				
otal retail sales, index	123.6*	125.8*	118.9r	4 - 4 -	443.6	
Durable-goods sales, index	126.5*	143.5*	123.5r	4 4 4 4		
Nondurable-goods sales, index	122.0*	116.7*	116.6r	60.0	60.0	
atio of credit sales to net sales in department and apparel stores	74.2* 38.5*	64.2* 33.5*	75.2r 37.6r	69.2 36.0	69.8 35.1	
PRODUCTION	50.5	33.3	37.01	30.0	33.1	
otal electric power consumption, index	153.1*	149.8*	138.8r	151.5	137.7	
adustrial electric power consumption, index	144.4*	135.3*	128.7r	139.9	127.4	
rude oil production, index	96.6*	98.3*	92.2r	97.5	90.3	
verage daily production per oil well (bbl.)	13.1	13.1	12.7	13.1	12.5	
rude oil runs to stills, index	116.8	112.4	111.5	114.6	112.3	
dustrial production in U. S., index	127.6*	127.2r	120.2	127.4	119.7	
exas industrial production—total, indexexas industrial production—manufacturing, index	125* 141*	122	116r	124	115	
exas industrial production—durable goods, index	134*	139r 131r	131r 121r	140 133	130 121	
exas industrial production—nondurable goods, index	147*	144	138r	146	136	
exas mineral production, index	102*	100	98r	101	96	
onstruction authorized, index	129.0	130.3	139.5	129.7	130.1	
esidential building, index	115.6	122.6	115.3	119.1	113.1	
onresidential building, index	152.8	150.2	175.9	151.5	156.9	
AGRICULTURE rices received by farmers, unadjusted index, 1910-14=100	ore	ore	969	orr	964	
rices paid by farmers in U. S., unadjusted index, 1910-14=100	253 313	256 313	262 312r	255 313	264 312	
atio of Texas farm prices received to U. S. prices paid by farmers	81	82	84	82	85	
FINANCE						
ank debits, index	147.3	144.3	133.1	145.8	136.1	
ank debits, U. S., index	152.2	163.3	145.2	157.8	146.6	
eporting member banks, Dallas Federal Reserve District:	2 1010	e 900=	6 9 7 1 4	e 4014	0 9 510	
Loans (millions) Loans and investments (millions)	\$ 4,042 \$ 6,122	\$ 3,985 \$ 6,063	\$ 3,514 \$ 5,686	\$ 4,014 \$ 6,093	\$ 3,510 \$ 5,653	
Adjusted demand deposits (millions)	\$ 2,865	\$ 2,907	\$ 2,888	\$ 2,886	\$ 2,924	
evenue receipts of the State Comptroller (thousands)	\$146,837	\$122,620	\$125,211	\$134,729	\$122,697	
LABOR						
anufacturing employment in Texas, index	108.3*	107.7r	104.4r	108.0	104.3	
otal nonagricultural employment in Texas, index	110.4*	109.8r	107.7r	110.1	107.2	
verage weekly hours—manufacturing, index	101.8*	99.7r	100.5	100.8	100.0	
verage weekly earnings—manufacturing, index	115.1* 2,694.9*	114.7r 2,686.4r	110.4 2,627.9r	114.9 2,690.7	110.3 2,618.4	
Total manufacturing employment (thousands)	521.2*	518.6r	502.5r	519.9	502.0	
Durable-goods employment (thousands)	254.9*	252.6r	241.7r	253.8	241.1	
Nondurable-goods employment (thousands)	266.3*	266.0r	260.8r	266.2	260.9	
otal nonagricultural labor force in selected labor market areas		1 (C) 1 (V) (AVE 102)				
(thousands)	2,470.1	2,464.0	2,402.1	2,467.1	2,405.9	
Employment in selected labor market areas (thousands)	2,306.4	2,299.2	2,229.9	2,302.8	2,220.5	
		416.9	395.8	417.1	395.8	
Manufacturing employment in selected labor market areas			25 Lates 26		7550 X	
(thousands)	417.3					
	417.3 116.9	118.2	126.3	117.6	128.7	

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BUREAU OF BUSINESS RESEARCH

BUSINESS GAMING: A SURVEY OF AMERICAN COLLEGIATE SCHOOLS OF BUSINESS

by Alfred G. Dale and Charles R. Klasson

In many institutions of higher learning, business games have come to play an important part in the training of future business leaders. This survey was undertaken to determine to what extent this educational innovation has been used in undergraduate and graduate study programs in business schools throughout the country.

One of the major problems in higher education is the difficulty of disseminating information about significant advances in learning theories and their associated methodology. This survey, while reporting specifically on the use of business games in programs of business education, also has revealed the extent to which one new methodological approach to education has been

disseminated, accepted, and integrated into business study at both the graduate and undergraduate levels.

Business gaming, while important, is only a minor example of the type of changes that confront educators. With the accelerated rate at which new knowledge is being generated in basic disciplines, corresponding changes must take place in the entire educational process. It is hoped that these survey results may be of value to business educators and administrators whose may be of value to business educators and administrators whose prime responsibility it is to make prudent, timely, and progressive changes in programs of business education. \$1.50

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