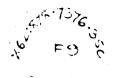
AN ANALYSIS OF EARNING ACCETC OF CHICAGO BANKS.



X62:878.7376.35C F9 033965

÷

UNIVERSITY OF ILLINOIS

ISSUED WEEKLY

Dhananjayarao Gadgil Library

GIPE-PUNE-033965

No. 20

VOL. XXVII

JANUARY 14, 1930

[Entered as second-class matter December 11, 1912, at the post office at Urbana, Illinois, under the Act of August 24, 1912. Acceptance for mailing at the special rate of postage provided for in section 1103, Act of October 3, 1917, authorized July 31, 1918.]

BUREAU OF BUSINESS RESEARCH COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

BULLETIN No. 28 Distributed December, 1929

AN ANALYSIS OF EARNING ASSETS OF CHICAGO BANKS



PRICE 50 CENTS

PUBLISHED BY THE UNIVERSITY OF ILLINOIS, URBANA 1929 It is the purpose of the Bureau of Business Research of the University of Illinois—

- to study and as far as possible to explain economic and industrial conditions within the State;
- (2) to direct attention to experience-tested practices of good business management; and,
- (3) to investigate methods for securing the best executive control of business.

BUREAU OF BUSINESS RESEARCH CHAS. M. THOMPSON, Ph.D., LL.D., Director A. C. LITTLETON, A.M., C.P.A., Assistant Director

BULLETIN No. 28

AN ANALYSIS OF EARNING ASSETS **OF CHICAGO BANKS**

PUBLISHED BY THE UNIVERSITY OF ILLINOIS, URBANA 1929

PREFACE

In Bulletin No. 21, which is one of a series of studies of the money market, an analysis was made of deposits, and particularly of bankers' deposits, in Chicago banks over a period of twenty-six years; in Bulletins Nos. 23 and 24 a study was made of capital stock, surplus, and undivided profits for a like period to ascertain what the owners of the banks themselves had contributed to the funds of the banks.

The present analysis turns from a study of the sources of banking funds to a study of the way the funds of Chicago banks have been employed. To that end the earning assets as reported by the banks have been divided into two groups, loans and investments. The first class includes the typical loans and discounts which, in the case of commercial banking, have been traditionally made up of short time loans. The theory has long obtained that the commercial banker whose deposit liability is demand rather than time must employ his credit in the form of loans of short duration; they must be very liquid. On the other hand, the banker receiving savings deposits has been expected to direct a considerable portion of these funds into long time obligations which are classed under the category of investments. "Investments," being used here to cover the earning assets of the strictly savings bank, obviously includes real estate mortgages. However, throughout the present treatment of earning assets, real estate mortgages are classed as loans.

The present analysis does not permit of isolating commercial banking from savings banking. One of the most noteworthy features of the development of modern banking is that of the "department store" type of institution. To-day practically all banks regardless of name carry on almost precisely the same functions. For a long time the national banks have been considered as typically commercial banks; but with the passage of the Federal Reserve Act in 1913, and subsequent legislation, particularly the McFadden Banking Act, provision has been made for the introduction or expansion of real estate loans and of savings departments by national banks. In Illinois the state banks have had these privileges for some time. Strictly speaking, there are relatively few banks to-day which may be specifically designated either commercial or savings.

This is less true in the East than in the Middle West, however. In New York, for example, trust companies, state banks, and savings banks, all coming under the supervision of the state superintendent of banks, have more or less specialized functions. But there are no strictly savings banks in Illinois. Trust companies in Illinois are briefly treated in Bulletin No. 24 on page 13. It is to be noted, however, that national banks in a number of instances carry on exclusively commercial operations, the savings and trust functions being handled by affiliated state institutions. At the close of 1928 it was found that this was the situation in the case of five national banks in Chicago. Nevertheless, even here the directorates and management of the affiliated banks are so nearly identical that they may be considered as a single institution.

In the present study the movement of the earning assets of Chicago banks has been traced through the sixteen-year period, from 1913 to 1928, inclusive. Comparison has been made with New York bank figures and also with those of all the banks in the United States. The same plan is followed as in the previous analyses, that of first grouping the banks of Chicago as national and state banks, and then considering them as a whole.

As in former cases, the Bureau takes this opportunity to acknowledge the generous cooperation given by bankers and business men in supplying such information as was desired as well as most helpful criticism, and the assistance of D. M. Dailey of the Bureau staff in preparing the manuscript.

TABLE OF CONTENTS

	PAG	Ξ
I.	THE MOVEMENT OF THE EARNING ASSETS OF CHICAGO BANKS	7
	A. Central Reserve City Banks 8	3
	B. All National Banks	
	C. State Banks	3
	D. All Chicago Banks 41	l
II.	A RATIO ANALYSIS OF EARNING ASSETS OF INDIVIDUAL BANKS 45	5
	A. Investments in Relation to Total Earning Assets 45	5
III.	Summary)

APPENDIX A

EARNING ASSETS OF CHICAGO BANKS

(a) Earning Assets of Central Reserve City Banks of Chicago: Dates of Call, 1913-1928

(000 omitted)

Date of Call		Earning Assets		Total Resources	Percentage of Earning Assets to	
	Loans	Investments	Total		Total Resource	
913:						
Feb. 4	\$321,079	\$45,743 45,506	\$366,822	\$567,038	64.7	
Apr. 4	334,221	45,506	379,727	555,543	68.4	
June 4	322,525	44,885	307,410	551,103	66.7	
Aug. 9 Oct. 21	329,191 330,242	43,906 44,241	373,097 374,483	545,205 560,687	68.4	
914:						
Jan. 13	301,921	47,664	349,585	559,046	62.5	
Mar. 4	335,937	46,392	382,329	617,652	61.9	
June 30	335,804	37,909	373,713	564,886	66.2	
Sept. 12	319,049	74,067	393,116	587,990	66.9	
Oct. 31 Dec. 31	304,774 321,234	75,579 50,379	380,353 371,613	559,425 553,961	68.0 67.1	
915:						
Mar. 4	340,524	40,581	381,105	606,373	62.8	
May 1	356,192	41,655	397,847	616,085	64.6	
June 23	347,811	42,631	390,442	590,132	66.2	
Sept. 2 Nov. 10	361,210 383,502	42,435	403,645	628,391	64.2	
Dec. 31,	390,827	44,849 43,106	428,351 433,933	643,438 655,136	66.6 66.2	
916;				1		
Mar. 7	427,957	44,059	472,016	715,018	66.0	
May 1	424,795	41,347	466,142	719,620	64.8	
June 30	429,645	35,285	464,930	668,812	69.5	
Sept. 12 Nov. 17	450,458 478,827	37,821	488,279	729,657	66.9	
Dec. 27	473,579	39,132 36,577	517,959 510,156	776,877 762,353	66.7 66.9	
917:				·		
Mar. 5	505,445	34,926	540,371	825,752	65.4	
May 1	487,242	37,495	524,737	799,206	65.7	
June 20	471,963	52,891	524,854	774,836	67.7	
Sept. 11 Nov. 20	472,621	47,726	520,347 576,254	754,723	68.9	
Dec. 31	500,403 503,978	69,791 65,295	569,273	827,883 864,799	69.6 65.8	
918:						
Mar. 4	510,983	75,230 89,700	586,213	881,686	66.5	
May 10	510,830	89,700	600,536	887,549	67.7	
June 29 Aug. 31	534,009	96,445	631,114	873,089	72.3	
Nov. 1	552,348 558,147	110,963	663,311	914,401	72.5	
Dec. 31	530,680	143,928 93,590	702,075 624,270	981,290 920,507	71.5 67.8	
919:						
Mar. 4	509,612	156,299	665,911	949,279	70.1	
May 12	500,988	107,872	668,860	053 438	70.2	
June 30 Sept. 12	548,288	137,132	685,420	982,333 1,037,456 1,061,229	69.8	
Nov. 17,	577,460 582,093	136,293 110,016	713,753	1,037,456	68.8	
Dec. 31	606,621	99,780	692,109 706,401	1,110,933	65.2 63.6	
920:						
Feb. 28	635,326	99,697	735,023	1,113,926	66.0	
May 4	617,078	90,210	707,288	1,124,873	62.9	
June 30 Sept. 8	644,175	73.233	677,408	1,130,962	59.9	
Nov. 15.	623-236 588-528	62,438	685,674	1,097,624	62.5	
Dec. 29.	577,091	62,099 58,020	650,627	1,074,767	60.5	
			035,111	1,039,094	61.1	

Date of Call		Earning Assets		Total Resources	Percentage of Earning Assets to
	Loans	Investments	Total		Total Resources
1921:					
Feb. 21	\$603,166	\$53,994	\$657,160	\$980,376	67.0
Apr. 28	576,236	52,444	628,680	946,446	66.4
June 30	567,562	49,534	617,096	919,768	67.1
Sept. 6	574,325	43,387	617,712	876,540	70.5
Dec. 31	543,242	54,995	598,237	847,633	70.6
1922:					
Mar. 10	587,781	61,841	649,622	885,005	73.4
May 5	547,232	88,287	635,519	872,305	72.9
June 30	542,973	82,816	625,789	876,707	71.4
Sept. 15	576,374	96,940	673,314	929,561	72.4
Dec. 29	551,548	130,276	681,824	963,862	10.1
1923:			(03.353		
Apr. 3	560,834	122,518	683,352	956,695	71.4
June 30	554,599	114,750	669,349	924,241	72.3
Sept. 14	599,855	115,185 126,602	715,040 716,753	988,691 1,014,390	70.7
Dec. 31	590,151	120,002	/10,/55	1,014,390	10.1
1924:	*** ***		(0) (00	0.37 . 870	71.0
Mar. 31	575,552	116,138	691,690	935,779	73.9
June 30	602,876	127,998 114,849	730,874 748,630	1,055,309	74.0
Oct. 10 Dec. 31	633,781 588,709	125,185	713,894	1,003,729	71.1
í			,		
1925:	501 011	117,639	698,650	994,055	70.3
Apr. 6 June 30	581,011 608,647	109,349	717,996	1,018,956	70.5
Sept. 28	630,566	106,284	736,850	1,014,287	72.6
Dec. 31	655,973	105,338	761,311	1,053,796	72.2
1926:	-				
Apr. 12	622,190	104,414	726,604	999,704	72.7
June 30	644,502	115,110	759,612	1.042.860	72.8
Dec. 31	669.048	98,016	767.064	1,063,334	72.1
•					
1927: Mar. 23	637,519	128,566	766,085	1,020,568	75.1
June 30		136,334	811,984	1,105,824	73.4
Oct. 10	675,650 705,008	124,216	829,224	1,112,154	74.6
Dec. 31	745,210	184,328	929,538	1,240,485	74.9
1928:	-				
1928: Feb. 28.	713,729	191,894	905,623	1,195,959	75.7
June 30	802,906	185,367	988,273	1.318.475	75.0
Oct. 3	850.626	183,957	1,034,583	1.334.511	77.5
Dec. 31	823,751	166,992	990,743	1,371,002	72.3

(b) Earning Assets of Other Reserve City Banks of Chicago: Dates of Call, 1918-1928 (000 omitted)

		Earning Assets	Total	Percentage of Earning	
Date of Call	Loans	Investments	Total	Resources	Assets to Total Resources
1918: Dec. 31	\$11,178	\$ 8,073	\$19,251	\$24,221	79.5
1919:			·		
Mar. 4	11,896	9,427	21,323	26,034	81.9 82.7
May 12	13,785	9,860	23,645	28,595	83.1
June 30	14,424	10,655	25,079	30,168	83.3
Sept. 12	14,625	11,151	25,776	30,941	83.2
Nov. 17	16,469	11,424	27,893	33,517	
Dec. 31	17,423	11,103	28,526	35,417	80.5

AN ANALYSIS OF EARNING ASSETS OF CHICAGO BANKS	
--	--

Date of Call		Earning Assets		Total	Percentage of Earning Assets to
	Loans	Investments	Total	Resources	Total Resources
1920:					
Feb. 28	\$19,585	\$10,928	\$30,513	\$36,736	83.1
May 4	22,023	11,512	33,535	40,845	82.1
June 30	22,667	10,851	33,518 34,411	40,816	82.1 81.6
Sept. 8	23,129 23,931	11,282 12,459	36,390	43,506	83.6
Dec. 29	22,546	13,503	36,049	44,268	81.4
921:					
Feb. 21	22,956	14,537	37,493	45,136	83.1
Apr. 28	22,970	15,784	38,754	45,827	84.6
June 30	22,929	16,412	39,341	46,806	84.1
Sept. 6 Dec. 31	22,257 20,677	16,228 17,499	38,485 38,176	46,083 46,178	83.5 82.7
922:				1	
Mar. 10	19,994	18,765	38,759	46,636	83.1
May 5	19,929	20,115	40,044	47,308	84.6
June 30	21,718	23,399	45,117	55,087	81.9
Sept. 15	22,654	24,995	47,649	57,645	82.7
Dec. 29	22,627	26,741	49,368	60,829	81.2
923: Apr. 3	24,697	28,259	52,956	64,740	81.8
June 30	26,139	29,151	55,290	67,528	81.9
Sept. 14	28,519	29,614	58,133	70,363	82.6
Dec. 31	27,601	31,322	58,923	72,963	80.8
924:			(4.010		
Mar. 31	29,073	31,859	60,932	75,358	80.9 81.2
Oct. 10	29,372 27,763	32,793 35,086	62,165 62,849	76,557	
Dec. 31	27,425	36,130	63,555	78,370 80,060	80.2 79.4
925:					
Apr. 6	29,981	35,615	65,596	81,965	80.0
June 30	31,407	36,145	67,552	84,383	80.1
Sept. 28	33,599	35,712	69,311	84,312	82.2
Dec. 31	37,684	38,497	76,181	94,722	80.4
926: Apr. 12	38,816	39,460	78,276	97,139	80.6
June 30	39,739	39,812	79,551	99,082	80.3
Dec. 31	39,042	38,024	77,066	96,772	. 79.6
927:	10 015				
Mar. 23	39,915	38,768	78,683	94,810	83.0
June 30	40,781 39,921	38,192 37,585	78,973	95,724	82.5
Dec. 31	40,287	38,534	77,506 78,821	96,563 97,005	80,3 81,3
928:					
Feb. 28	41,009	39,702	80,711	98,458	82.0
June 30	43,433	41,724	85,157	102,905	82.8
Oct. J	44,786	41,116	85,902	104,136	82.5
Dec. 31	53,917	46,043	99,960	121,871	82.0

BULLETIN No. 28

		(000 om				
Date of Call		Earning Assets		Total Resources	Percentage of Earning Assets to	
ļ	Loans	Investments	Total	Accounces	Total Resources	
1913:			A.100 1.17	A.04 504		
Feb. 5	\$353,991	\$116,465	\$470,456	\$621,594	75.7 71.6	
Apr. 5 June 5	367.801	117,229	443,417 485,030	619,116 629,145	77.1	
Aug. 11	327,051 367,801 363,081	116,366 117,229 115,996	479,077	624,343	76.7	
Oct. 22	370,015	117,589	487,604	630,935	77.3	
.914: Jan. 14	370,932	117.238	488,170	638,112	76.5	
Apr. 4	369,511	117,238 121,143	488,170 490,654	644,416	76.1	
Tuly L.	373,886	123.624	497,510 478,743	655,532	75.9	
Sept. 14	361,748	116,995	4/8,743	634,362	75.5	
Nov. 25	359,510	116,755	476,265	621,627	70.0	
915: Feb. 18	366,401	120,061	486,462	643,122	75.6	
Apr. 30	368,640	123,691	492,331	651,327	75.6	
June 24 Sept. 3	375,411 379,389	125,663 126,086	501,074 505,475	675,107 694,196	74.2 72.8	
Nov. 11	391,033	128,331	519,364	719,296	72.2	
916:		4741 (07	F 40 400	747 401	72.1	
Jan. 25 Apr. 12	413,442 424,237	134,687	548,129 566,496	747,421	73.3	
July 1	458,102	143,339	601,441	801.334	75.1	
Sept. 13	461,257	137,969	599,226	801,334 799,524	74.9	
Nov. 18	483,472	137,969 139,005	622,477	834,924	74.6	
917: Feb. 17	488,309	140,922	629,231	851,924	73.9	
May 2	502,701	144,721	647,422	880,849	73.5	
May 2 June 21	507,715	150,376	658,091	864,134	76.2	
Sept. 12 Nov. 21	490,470 483,189	148,267 163,591	638,737 646,780	835,105 848,416	76.5 76.2	
918:	,	,				
Feb. 7	471,631	167,454	639,085	833,988	76.6	
May 11 July 1	480,111	189,857	669,968	864,817	77.5	
July 1 Nov. 2	489,608	187,957 230,490	677,505	891,033 934,996	76.0	
Dec. 31	492,160 508,589	190,989	677,565 722,650 699,578	949,476	73.7	
919:				076 053	70 0	
Mar. 4 May 12	530,764 576,877	239,515 249,844	770,279 826,721	976,952 1,037,995	78.8 79.6	
June 30	616,877	241.949	858.826	1,107,849	77.5	
Sept. 12	666.525	219,935	886,460	1,123,774	78.9	
Nov. 17 Dec. 31	699,800 706,576	219,935 207,982 205,136	886,460 907,782 911,712	1,144,891 1,203,125	79.3 75.8	
920:						
Feb. 28	751,860	195,325	947,185 986,018	1,234,406	76.7 77.0	
May 4	790,703	195,315	986,018	1,280,288	77.0	
June 30 Sept. 8	803,680 815,304	187,780 185,641	991,460 1,000,945	1,293,385 1,293,986	77.4	
Nov. 15	812,307	191,664	1,003,971	1,292,185	17.7	
921:		100 405	000 000	1 206 801	75.1	
Jan. 3 Mar. 31	781,503	199,485	980,988 999,262 1,011,543	1,306,801 1,266,834	78.9	
June 30	797,302 811,358	201,960 200,185	1,011.543	1,288,482	78.5	
Sept. 6	817,041	183,682	1,001,323	1,261,719	79.4	
Dec. 31	752,849	254,702	1,007,551	1,288,549	78.2	
922: Mar. 10	772,052	251,750	1,023,802	1,281,487	79.9	
May 5 1	820,497	270,670	1,091,167	1,352,603	80.7	
June 30	795,249	321,411	1,116,660	1,407,990	79.3	
Sept. 15	804,351	341,953	1,146,304	1,400,788	81.8 78.9	
Dec. 29	839,684	339,481	1,179,165	1,494,092	10.7	

(c) Earning Assets of State Banks of Chicago: Dates of Call, 1913-1928 (000 omitted)

AN ANALYSIS OF EARNING ASSETS OF CHICAGO BANKS 57

Date of Call		Earning Assets		Total Resources	Percentage of Earning Assets to Total Resources	
	Loans	Investments	Total	Accounces		
923:						
Apr. 3	\$881,198	\$359,224	\$1,240,422	\$1,549,659	80.0	
June 30	895,103	351,345	1,246,448	1,553,442	80.2	
Sept. 14	861,666	323,886	1,185,552	1,462,281	81.1	
Dec. 31	891,656	320,436	1,212,092	1,540,523	78.7	
924:						
Mar. 31	892,981	342,395	1,235,376	1,522,803	81.1	
June 30	910,410	372,855	1,283,265	1,633,174	78.6	
Oct. 10	1,014,843	444,218	1,459,061	1,796,602	81.2	
Dec. 31	1,027,575	452,519	1,480,094	1,847,079	80.1	
925:			1			
Apr. 6	1,029,181	460,474	1,489,655	1,847,724	80.6	
June 30	1,075,291	426,526	1,501,817	1,926,595	78.0	
Sept. 28	1,106,984	429,704	1,536,688	1,901,987	80.8	
Dec. 31	1,109,712	439,515	1,549,227	1,934,771	80.1	
926:						
Apr. 12	1,115,894	429,256	1,545,150	1,915,734	80.7	
June 30	1,138,155	448,036	1,586,191	1,978,576	80.2	
Oct. 11	1,173,040	441,182	1,614,222	1,970,132	81.9	
Dec. 31	1,185,160	417,242	1,602,402	2,013,317	79.6	
927:					82.0	
Mar. 23	1,156,443	457,776	1,614,219	1,968,628	82.0	
June 30	1,193,274	462,634	1,655,908	1,997,594	82.7	
Öct. 10	1,253,759	459,198	1,712,957	2,071,455	80.5	
Dec. 31	1,179,232	434,146	1,613,378	2,004,386	80.3	
928: Feb. 28	1.167.905	449.292	1 417 107	1,949,017	83.0	
			1,617,197		83.4	
June 30	1,205,518	472,186	1,677,704	2,011,148		
Oct. 3	1,210,423	424,839	1,635,262	1,965,767	83.2	
Dec. 31.,	1,242,230	430,814	1,673,044	2,066,237	81.0	

APPENDIX B

LOANS AND INVESTMENTS OF BANKS. SELECTED YEARS. Average Yearly Figures (000 omitted)

	1913		1920		1928	
Groupe of Banks	Amount	Per Cent of Total	Amount	Per Cent of Total	Amount	Per Cen of Tota
Chicago Banks:						
(a) Central Reserve City Loans	\$327,452	88	\$607,870	89	\$797,753	81
Investments.	44,856	12	74,283	11	182.053	i is
Total Earning Assets	372.308	100	682,153	100	979,806	1 100
(b) Other Reserve City	0.2,000			100	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1.0
Loans.		1	22,366	66	45,786	5
Investments			11,756	34	42,146	4
Total Earning Assets (c) All National			34,122	100	87,932	10
Loans	327,452	88	630,237	88	843,539	7
Investments	44,856	12	_86,039	12	224,199	2
Total Earning Assets (d) State Banks	372,308	100	716,276	100	1,067,738	10
Loans	356,388	· 75	782,081	80	1,206,519	7.
Investments	116,729	25	192,801	20	444,283	2
Total Earning Assets	473,117	100	974,882	100	1,650,802	10
New York Banks? (a) Central Reserve City						
Loans.	919,922	80	2,600,803	81	2,754,878	1 7:
Investments	232.066	20	592,611	19	1,051,322	2
Total Earning Assets	1.151.988	100	3,193,414	100	3,806,200	100
(b) Other Reserve City	-,,		-,		0,000,200	
Loans	17,470	73	30,184	80	59,203	7.
Investments	6,482	27	7,369	20	21,492	2
Total Earning Assets	23,952	100	37,553	100	80,695	10
Country Banks of the United States:						
Loans	3,194,044	73	5,522,799	69	6,455,787	63
Investments	1,151,800	27	2,499,420	31	3,744,668	3
Total Earning Assets	4,345,844	100	8,022,219	100	10,200,455	10

APPENDIX C

Vear	Entire	Centr	al Reserve	Other		
(June 30)	United States	New York	Chicago	St. Louis	Reserve Cities	Country
913	7488		9	7	315	7121
914	7525	33	9	1 7 1	321	7155
915	7605	33	9	1 1	327	7229
916	7579	33	10	1 7	315	7214
917	7604	33	11	7	324	7229
918	7705	49	23	6	354	7273
919	7785	31	9	7	363	7375
920	8030	31	9	5	373	7612
.921	8154	30	11	5	374	2734
922	8249	31	9	9	373	7827
923	8241	31	12	t	375	7823
924	8085	34	15		363	7673
925	8072	33	14	1	369	7656
926	7978	25	11		365	7577
927	7796	23	12		360	7401
928*	7635	22	10		359	7244

NUMBER OF NATIONAL BANKS IN THE UNITED STATES

,

*December 31, †Ceased to be a central reserve city July 1, 1922.

PUBLICATIONS OF THE BUREAU OF BUSINESS RESEARCH UNIVERSITY OF ILLINOIS

Bulletin No. 1-Illinois Taxes in 1921. 8 pages. (Out of print.)
Bulletin No. 2-Illinois State Revenue, 1895-1920. 12 pages. (Out of print.)
Bulletin No. 3-The Tax Rates of Illinois Cities in 1921. 16 pages. (Out of print.)
Bulletin No. 4-Books About Shoes. 20 pages. (Out of print.)
Bulletin No. 5-Methods of Training Employees in Stores of Moderate Size 20 pages. (Out of print.)
Bulletin No. 6-Books About Books. 28 pages.
Bulletin No. 7—The Statistical Characteristics of Bookstore Sales. 32 pages. (Out of print.)
Bulletin No. 8—The Method of Analyzing Business Data. 46 pages. (Out of print.)
Bulletin No. 9-The Current Ratio in Public Utility Companies. 28 pages.
Bulletin No. 10—The Productivity Ratios of Public Utility Companies. 32 pages.
Bulletin No. 11-The Natural Business Year. 28 pages.
Bulletin No. 12-State Expenditures in Illinois, 1895-1924. 14 pages.
Bulletin No. 13—The Disposition of Income in Public Utility Companies. 42 pages.
Bulletin No. 14—Illinois Appropriations for Social and Educational Purposes. 13 pages.
Bulletin No. 15—The Earning Power Ratios of Public Utility Companies. 44 pages.
Bulletin No. 16—The Nature of Cyclical Fluctuations in Electric Power Pro- duction Data. 48 pages.
Bulletin No. 17-Chicago as a Money Market. 61 pages.
Bulletin No. 18-Property Investments in Public Utility Companies. 38 pages.
Bulletin No. 19-The Automobile and the Village Merchant. 42 pages.
Bulletin No. 20-The Sources of Public Utility Capital. 52 pages.
Bulletin No. 21-An Analysis of Bankers' Balances in Chicago. 69 pages.
Bulletin No. 22-Books About Business Cycles. 53 pages. (Out of print.)
Bulletin No. 23-Stockholders' Equity in Chicago Banks. 33 pages.
Bulletin No. 24—Capital Stock, Surplus, and Undivided Profits of Chicago Banks. 41 pages.
Bulletin No. 25-The Determination of Secular Trends. 71 pages.
Builetin No. 26-Standard Financial Ratios for the Public Utility Industry. 44 pages.
Bulletin No. 27—The Financial Plan of Gas Companies. Studies in Financial Structure. 49 pages,
Bulletin No. 28-An Analysis of Earning Assets of Chicago Banks. 59 pages.

Gokhale Institute of Politics

TIMO