

2018
BUCK STAYS
THE HERE EDUCATION & ADVOCACY INITIATIVE

Understanding the economic impact of CTPF benefit payments on the State of Illinois and the City of Chicago



Chicago Teachers'
Pension Fund

EXECUTIVE SUMMARY

PURPOSE OF REPORT

This report examines the impact that Chicago Teachers' Pension Fund (CTPF) educators have outside the classroom, and the economic benefit pensions have on the City of Chicago and the State of Illinois.

A study was conducted which examined CTPF members and their benefit payments by legislative district. Information from this study, contained in the first half of this report, is shown for legislators in the State of Illinois along with Aldermen in the City of Chicago.

The second half of this report includes additional information about CTPF's members and priorities, and additional information on some of CTPF's key investment initiatives.

RESULTS

The study shows that about 84% of CTPF annuitants live in the State of Illinois, and about 50% of those annuitants live in the City of Chicago.

CTPF benefit payments contribute:

- \$1.3 billion in direct payments to annuitants in the State of Illinois
- \$1.9 billion in total economic impact in the State of Illinois
- \$687 million in payments to annuitants in the City of Chicago
- \$1.0 billion in total economic impact on the City of Chicago

Pension benefit payments and their ripple effect help support jobs including:

- 14,704 jobs in the State of Illinois
- 7,500 jobs in the City of Chicago

CONCLUSIONS

CTPF educators make an immeasurable impact on children: educating, nurturing, and helping them grow into productive citizens and future leaders. An educator's impact extends far beyond the classroom – active and retired educators are also consumers, taxpayers, and voters – who live and work primarily in Chicago and surrounding communities. CTPF pension payments create a positive impact on the Illinois economy.

RECOMMENDATIONS

We call upon the legislators of the State of Illinois and Aldermen in the City of Chicago to examine the facts about pensions and to understand that CTPF annuitants value their benefits – but more importantly – spend their benefits close to home.

TERMS

Active Member: individual who is currently paying into CTPF.

Inactive Member: individual who has contributions on deposit with CTPF but is not currently paying into the system.

Annuitant: member who receives a retirement, survivor, or disability benefit from CTPF.

Undetermined: Illinois member for whom the legislative district or ward was undetermined.

Sources: Bureau of Economic Analysis, United States Department of Commerce.
CTPF data on file as of January 1, 2018.



CTPF Pensions help support 14,704 jobs in the State of Illinois including 7,500 in the City of Chicago.



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CTPF MEMBERS AND ANNUITANTS BY ILLINOIS SENATE DISTRICT

District	Illinois State Senator	Active and Inactive Members	Annuitants	Total Members	Total Annual Payments to Annuitants	Total Economic Impact of Benefit Payments	Jobs Supported by Benefit Payments
1	Antonio Muñoz (D)	1,847	209	2,056	\$ 11,201,608	\$ 16,370,030	122
2	Omar Aquino (D)	2,656	269	2,925	13,468,659	19,683,098	147
3	Mattie Hunter (D)	1,880	710	2,590	40,925,480	59,808,496	447
4	Kimberly A. Lightford (D)	926	725	1,651	40,277,170	58,861,056	440
5	Patricia Van Pelt (D)	2,180	320	2,500	16,278,501	23,789,401	178
6	John J. Cullerton (D)	4,003	772	4,775	42,589,610	62,240,456	465
7	Heather A. Steans (D)	3,214	792	4,006	39,679,417	57,987,500	433
8	Ira I. Silverstein (D)	2,136	1,465	3,601	80,546,347	117,710,432	879
9	Daniel Biss (D)	850	1,158	2,008	60,494,545	88,406,727	661
10	John G. Mulroe (D)	2,696	890	3,586	46,215,218	67,538,920	505
11	Martin A. Sandoval (D)	1,548	257	1,805	13,291,846	19,424,704	145
12	Steven M. Landek (D)	489	192	681	9,899,467	14,467,081	108
13	Kwame Raoul (D)	2,930	1,893	4,823	117,694,061	171,998,101	1,285
14	Emil Jones, III (D)	2,028	1,787	3,815	101,999,168	149,061,584	1,114
15	Napoleon B. Harris, III (D)	712	1,014	1,726	61,163,419	89,384,220	668
16	Jacqueline Y. Collins (D)	1,630	901	2,531	49,123,821	71,789,552	536
17	Elgie R. Sims, Jr.	2,012	2,090	4,102	127,528,054	186,369,498	1,392
18	Bill Cunningham (D)	2,811	1,922	4,733	111,077,525	162,328,695	1,213
19	Michael E. Hastings (D)	710	1,165	1,875	70,949,381	103,685,425	775
20	Iris Y. Martinez (D)	2,910	364	3,274	18,185,531	26,576,335	199
21	Michael G. Connelly (R)	267	161	428	6,751,781	9,867,053	74
22	Cristina Castro (D)	89	73	162	3,645,064	5,326,896	40
23	Thomas Cullerton (D)	206	175	381	8,876,418	12,971,997	97
24	Chris Nybo (R)	414	381	795	18,451,514	26,965,042	201
25	Jim Oberweis (R)	128	91	219	3,847,968	5,623,421	42
26	Dan McConchie (R)	168	200	368	7,993,644	11,681,912	87
27	Tom Rooney (R)	391	379	770	17,472,461	25,534,255	191
28	Laura M. Murphy (D)	363	402	765	21,437,655	31,328,989	234
29	Julie A. Morrison (D)	423	614	1,037	28,637,314	41,850,571	313
30	Terry Link (D)	165	218	383	10,240,559	14,965,552	112

District	Illinois State Senator	Active and Inactive Members	Annuitants	Total Members	Total Annual Payments to Annuitants	Total Economic Impact of Benefit Payments	Jobs Supported by Benefit Payments
31	Melinda Bush (D)	106	105	211	\$ 4,713,376	\$ 6,888,127	51
32	Pamela J. Althoff (R)	81	89	170	4,201,213	6,139,653	46
33	Karen McConnaughay (R)	141	186	327	8,826,301	12,898,757	96
34	Steven Stadelman (D)	29	25	54	923,138	1,349,074	10
35	Dave Syverson (R)	40	38	78	1,274,381	1,862,380	14
36	Neil Anderson (R)	14	8	22	246,706	360,537	3
37	Chuck Weaver (R)	15	13	28	395,945	578,634	4
38	Sue Rezin (R)	45	40	85	1,494,403	2,183,921	16
39	Don Harmon (D)	854	542	1,396	30,416,732	44,451,012	332
40	Toi W. Hutchinson (D)	273	515	788	30,454,645	44,506,419	333
41	John F. Curran (R)	449	531	980	29,049,813	42,453,397	317
42	Linda Holmes (D)	94	58	152	2,979,638	4,354,443	33
43	Pat McGuire (D)	144	111	255	5,768,557	8,430,169	63
44	William E. Brady (R)	13	12	25	279,505	408,469	3
45	Tim Bivins (R)	20	45	65	1,779,991	2,601,279	19
46	David Koehler (D)	13	9	22	134,910	197,158	1
47	Jil Tracy (R)	8	10	18	270,232	394,917	3
48	Andy Manar (D)	5	5	10	92,889	135,748	1
49	Jennifer Bertino-Tarrant (D)	201	195	396	9,314,615	13,612,379	102
50	Wm. Sam McCann (R)	7	28	35	758,736	1,108,817	8
51	Chapin Rose (R)	13	8	21	314,437	459,519	3
52	Scott M. Bennett (D)	31	18	49	347,415	507,712	4
53	Jason Barickman (R)	14	16	30	462,369	675,706	5
54	Kyle McCarter (R)	4	4	8	141,259	206,437	2
55	Dale A. Righter (R)	7	6	13	293,980	429,622	3
56	William R. Haine (D)	5	6	11	247,019	360,993	3
57	James F. Clayborne, Jr. (D)	6	5	11	316,301	462,243	3
58	Paul Schimpf (R)	4	13	17	376,325	549,961	4
59	Dale Fowler (R)	3	14	17	633,750	926,163	7
	Undetermined	348	196	544	10,152,120	14,836,309	111
	Grand Total	45,769	24,440	70,209	\$ 1,346,603,908	\$ 1,967,926,951	14,704

CTPF MEMBERS AND ANNUITANTS BY ILLINOIS HOUSE DISTRICT

District	Illinois State Representative	Active and Inactive Members	Annuitants	Total Members	Total Annual Payments to Annuitants	Total Economic Impact of Benefit Payments	Jobs Supported by Benefit Payments
1	Daniel J. Burke (D)	688	106	794	\$ 5,411,281	\$ 7,908,046	59
2	Theresa Mah (D)	1,159	103	1,262	5,790,327	8,461,984	63
3	Luis Arroyo (D)	1,025	176	1,201	8,994,057	13,143,915	98
4	Cynthia Soto (D)	1,631	93	1,724	4,474,602	6,539,183	49
5	Juliana Stratton (D)	1,124	491	1,615	28,148,965	41,136,898	307
6	Sonya M. Harper (D)	756	219	975	12,776,515	18,671,599	140
7	Emanuel Chris Welch (D)	337	445	782	24,797,250	36,238,700	271
8	La Shawn K. Ford (D)	588	280	868	15,479,920	22,622,355	169
9	Arthur Turner (D)	1,096	174	1,270	8,914,817	13,028,113	97
10	Melissa Coneyears-Ervin (D)	1,084	146	1,230	7,363,684	10,761,288	80
11	Ann M. Williams (D)	2,110	283	2,393	15,906,737	23,246,106	174
12	Sara Feigenholtz (D)	1,883	487	2,370	26,563,366	38,819,704	290
13	Gregory Harris (D)	1,848	323	2,171	16,289,237	23,805,090	178
14	Kelly M. Cassidy (D)	1,366	469	1,835	23,390,181	34,182,410	255
15	John C. D'Amico (D)	1,207	744	1,951	41,805,751	61,094,925	456
16	Lou Lang (D)	929	721	1,650	38,740,596	56,615,507	423
17	Laura Fine (D)	471	717	1,188	37,988,063	55,515,755	415
18	Robyn Gabel (D)	377	440	817	22,462,227	32,826,298	245
19	Robert Martwick (D)	1,624	439	2,063	22,285,693	32,568,312	243
20	Michael P. McAuliffe (R)	1,070	451	1,521	23,929,525	34,970,608	261
21	Silvana Tabares (D)	410	78	488	4,210,152	6,152,715	46
22	Michael J. Madigan (D)	1,138	179	1,317	9,081,694	13,271,988	99
23	Michael J. Zalewski (D)	192	102	294	5,210,929	7,615,252	57
24	Elizabeth Hernandez (D)	297	90	387	4,688,538	6,851,830	51
25	Barbara Flynn Currie (D)	1,529	1,139	2,668	71,298,441	104,195,542	779
26	Christian L. Mitchell (D)	1,401	754	2,155	46,395,620	67,802,559	507
27	Justin Slaughter (D)	1,396	1,132	2,528	64,055,644	93,610,918	699
28	Robert Rita (D)	632	655	1,287	37,943,524	55,450,666	414
29	Thaddeus Jones (D)	425	766	1,191	46,691,982	68,235,663	510
30	William Davis (D)	285	248	533	14,471,437	21,148,557	158
31	Mary E. Flowers (D)	874	599	1,473	33,274,569	48,627,455	363
32	André Thapedi (D)	756	302	1,058	15,849,252	23,162,097	173
33	Marcus C. Evans, Jr. (D)	1,097	1,035	2,132	63,609,084	92,958,315	695
34	Nicholas K. Smith (D)	914	1,054	1,968	63,909,674	93,397,597	698
35	Frances Ann Hurley (D)	1,939	1,034	2,973	57,984,250	84,738,183	633
36	Kelly M. Burke (D)	870	888	1,758	53,093,275	77,590,512	580
37	Margo McDermed (R)	232	273	505	15,565,885	22,747,985	170
38	Al Riley (D)	478	892	1,370	55,383,496	80,937,441	605
39	Will Guzzardi (D)	1,367	176	1,543	8,607,206	12,578,571	94

District	Illinois State Representative	Active and Inactive Members	Annuitants	Total Members	Total Annual Payments to Annuitants	Total Economic Impact of Benefit Payments	Jobs Supported by Benefit Payments
40	Jaime M. Andrade, Jr. (D)	1,543	188	1,731	\$ 9,578,325	\$ 13,997,763	105
41	Grant Wehrli (R)	153	78	231	3,707,431	5,418,040	40
42	Jeanne M. Ives (R)	114	83	197	3,044,350	4,449,013	33
43	Anna Moeller (D)	20	10	30	479,095	700,150	5
44	Fred Crespo (D)	69	63	132	3,165,969	4,626,747	35
45	Christine Winger (R)	96	109	205	5,586,682	8,164,377	61
46	Deb Conroy (D)	110	65	175	3,223,013	4,710,111	35
47	Patricia R. Bellock (R)	252	232	484	11,770,480	17,201,379	129
48	Peter Breen (R)	162	149	311	6,681,034	9,763,663	73
49	Mike Fortner (R)	68	49	117	2,078,362	3,037,319	23
50	Keith R. Wheeler (R)	60	42	102	1,769,606	2,586,102	19
51	Nick Sauer (R)	103	156	259	6,184,884	9,038,589	68
52	David McSweeney (R)	65	44	109	1,808,760	2,643,323	20
53	David Harris (R)	234	264	498	12,422,240	18,153,861	136
54	Thomas Morrison (R)	157	115	272	5,050,222	7,380,394	55
55	Martin J. Moylan (D)	240	323	563	17,678,081	25,834,747	193
56	Michelle Mussman (D)	123	79	202	3,759,574	5,494,242	41
57	Jonathan Carroll (D)	162	282	444	13,231,601	19,336,661	144
58	Scott Drury (D)	261	332	593	15,405,713	22,513,910	168
59	Carol Sente (D)	135	193	328	9,354,546	13,670,733	102
60	Rita Mayfield (D)	30	24	54	884,798	1,293,044	10
61	Sheri Jesiel (R)	45	40	85	1,819,795	2,659,448	20
62	Sam Yingling (D)	61	65	126	2,893,581	4,228,679	32
63	Steven Reick (R)	24	34	58	1,649,855	2,411,098	18
64	Barbara Wheeler (R)	57	55	112	2,551,358	3,728,554	28
65	Steven A. Andersson (R)	69	130	199	6,381,971	9,326,613	70
66	Allen Skillicorn (R)	72	56	128	2,444,330	3,572,144	27
67	Litesa E. Wallace (D)	11	2	13	74,603	109,024	1
68	John M. Cabello (R)	18	23	41	848,535	1,240,049	9
69	Joe Sosnowski (R)	12	9	21	268,857	392,907	3
70	Robert W. Pritchard (R)	28	29	57	1,005,524	1,469,473	11
71	Tony M. McCombie (R)	5	5	10	226,796	331,439	2
72	Michael W. Halpin (D)	9	3	12	19,911	29,097	0
73	Ryan Spain (R)	8	5	13	172,495	252,084	2
74	Daniel Swanson (R)	7	8	15	223,450	326,550	2
75	David A. Welter (R)	36	27	63	1,065,007	1,556,402	12
76	Jerry Lee Long (R)	8	12	20	355,932	520,159	4
77	Kathleen Willis (D)	76	57	133	2,760,478	4,034,162	30
78	Camille Y. Lilly (D)	778	485	1,263	27,656,254	40,416,850	302
79	Lindsay Parkhurst (R)	23	27	50	1,211,591	1,770,619	13
80	Anthony DeLuca (D)	250	488	738	29,243,054	42,735,799	319

District	Illinois State Representative	Active and Inactive Members	Annuitants	Total Members	Total Annual Payments to Annuitants	Total Economic Impact of Benefit Payments	Jobs Supported by Benefit Payments
81	David S. Olsen (R)	206	188	394	\$ 10,433,738	\$ 15,247,865	114
82	Jim Durkin (R)	243	343	586	18,616,075	27,205,531	203
83	Linda Chapa LaVia (D)	10	21	31	1,213,149	1,772,896	13
84	Stephanie A. Kifowit (D)	84	37	121	1,766,489	2,581,547	19
85	John Connor (D)	111	91	202	4,864,905	7,109,572	53
86	Lawrence M. Walsh, Jr. (D)	33	20	53	903,652	1,320,596	10
87	Tim Butler (R)	3	3	6	52,641	76,930	1
88	Keith P. Sommer (R)	10	9	19	226,864	331,539	2
89	Brian W. Stewart (R)	7	36	43	1,437,831	2,101,246	16
90	Tom Demmer (R)	13	9	22	342,160	500,033	4
91	Michael D. Unes (R)	6	2	8	16,688	24,388	0
92	Jehan A. Gordon-Booth (D)	7	7	14	118,222	172,770	1
93	Norine K. Hammond (R)	3	5	8	148,726	217,348	2
94	Randy E. Frese (R)	5	5	10	121,506	177,569	1
95	Avery Bourne (R)	1	0	1	0	0	0
96	Sue Scherer (D)	4	5	9	92,889	135,748	1
97	Mark Batinick (R)	102	77	179	3,771,773	5,512,069	41
98	Natalie A. Manley (D)	99	118	217	5,542,842	8,100,309	61
99	Sara Wojcicki Jimenez (R)	6	20	26	475,541	694,956	5
100	C.D. Davidsmeyer (R)	1	8	9	283,195	413,861	3
101	Bill Mitchell (R)	8	1	9	927	1,354	0
102	Brad E. Halbrook (R)	5	7	12	313,511	458,165	3
103	Carol Ammons (D)	21	9	30	230,374	336,669	3
104	Chad Hays (R)	8	9	17	117,041	171,043	1
105	Dan Brady (R)	11	11	22	339,681	496,410	4
106	Thomas M. Bennett (R)	3	5	8	122,688	179,296	1
107	John Cavaletto (R)	2	4	6	141,259	206,437	2
108	Charles Meier (R)	2	0	2	0	0	0
109	David B. Reis (R)	1	4	5	183,853	268,683	2
110	Reginald Phillips (R)	6	2	8	110,127	160,939	1
111	Monica Bristow (D)	3	2	5	128,296	187,492	1
112	Katie Stuart (D)	2	4	6	118,722	173,501	1
113	Jay Hoffman (D)	4	4	8	235,516	344,183	3
114	Latoya Greenwood (D)	2	1	3	80,785	118,060	1
115	Terri Bryant (R)	4	12	16	299,592	437,824	3
116	Jerry Costello, II (D)	0	1	1	76,733	112,138	1
117	Dave Severin (R)	3	6	9	335,436	490,206	4
118	Natalie Phelps Finnie (D)	0	8	8	298,314	435,957	3
	Undetermined	371	203	574	10,466,579	15,295,858	114
	Grand Total	45,769	24,440	70,209	\$ 1,346,603,908	\$ 1,967,926,951	14,704

CTPF MEMBERS AND ANNUITANTS BY CHICAGO WARD

Ward	City of Chicago Alderman	Active and Inactive Members	Annuitants	Total Members	Total Annual Payments to Annuitants	Total Economic Impact of Benefit Payments	Jobs Supported by Benefit Payments
1	Proco "Joe" Moreno	1,115	61	1,176	\$ 2,996,548	\$ 4,379,155	33
2	Brian Hopkins	1,031	310	1,341	17,954,330	26,238,458	196
3	Pat Dowell	438	141	579	8,245,965	12,050,654	90
4	William D. Burns	1,032	724	1,756	47,942,614	70,063,337	523
5	Leslie A. Hairston	633	507	1,140	30,363,802	44,373,660	332
6	Roderick T. Sawyer	723	756	1,479	45,198,128	66,052,544	494
7	Gregory I. Mitchell	535	482	1,017	29,296,170	42,813,423	320
8	Michelle A. Harris	834	888	1,722	55,905,031	81,699,612	610
9	Anthony A. Beale	499	379	878	21,219,760	31,010,558	232
10	Susan Sadlowski Garza	515	108	623	5,598,275	8,181,319	61
11	Patrick Daley Thompson	692	86	778	4,690,665	6,854,937	51
12	George Cardenas	205	16	221	921,170	1,346,197	10
13	Marty Quinn	674	115	789	5,754,811	8,410,081	63
14	Edward M. Burke	259	40	299	2,234,502	3,265,501	24
15	Raymond A. Lopez	185	58	243	2,892,416	4,226,976	32
16	Toni L. Foulkes	143	46	189	2,869,303	4,193,199	31
17	David H. Moore	239	136	375	6,575,548	9,609,505	72
18	Derrick G. Curtis	918	477	1,395	28,384,634	41,481,305	310
19	Matthew J. O'Shea	2,181	1,039	3,220	59,746,193	87,313,087	652
20	Willie B. Cochran	327	96	423	4,968,494	7,260,956	54
21	Howard B. Brookins, Jr.	716	485	1,201	27,844,370	40,691,763	304
22	Ricardo Munoz	235	18	253	812,234	1,186,999	9
23	Michael R. Zalewski	921	119	1,040	6,151,384	8,989,632	67
24	Michael Scott, Jr.	242	67	309	3,367,558	4,921,349	37
25	Daniel "Danny" Solis	734	61	795	3,381,636	4,941,922	37
26	Roberto Maldonado	751	44	795	1,923,657	2,811,233	21
27	Walter Burnett, Jr.	531	59	590	3,024,768	4,420,395	33
28	Jason C. Ervin	213	63	276	3,675,250	5,371,011	40
29	Chris Taliaferro	333	124	457	6,541,800	9,560,186	71
30	Ariel E. Reyboras	439	72	511	3,852,977	5,630,740	42

Ward	City of Chicago Alderman	Active and Inactive Members	Annuitants	Total Members	Total Annual Payments to Annuitants	Total Economic Impact of Benefit Payments	Jobs Supported by Benefit Payments
31	Milagros "Milly" Santiago	383	74	457	\$ 3,870,304	\$ 5,656,063	42
32	Scott Waguespack	1,187	107	1,294	5,914,217	8,643,037	65
33	Deborah Mell	825	83	908	4,076,450	5,957,323	45
34	Carrie M. Austin	618	501	1,119	29,114,723	42,548,256	318
35	Carlos Ramirez-Rosa	877	79	956	4,018,450	5,872,563	44
36	Gilbert Villegas	975	219	1,194	11,567,545	16,904,811	126
37	Emma M. Mitts	267	89	356	4,825,092	7,051,389	53
38	Nicholas Sposato	879	214	1,093	11,135,912	16,274,022	122
39	Margaret Laurino	853	319	1,172	18,066,619	26,402,557	197
40	Patrick J. O'Connor	837	191	1,028	10,293,652	15,043,143	112
41	Anthony V. Napolitano	1,276	406	1,682	21,075,906	30,800,329	230
42	Brendan Reilly	690	314	1,004	18,224,715	26,633,599	199
43	Michelle Smith	834	193	1,027	10,548,202	15,415,142	115
44	Tom Tunney	1,115	198	1,313	10,404,822	15,205,607	114
45	John S. Arena	1,017	281	1,298	14,524,180	21,225,637	159
46	James Cappleman	823	168	991	9,034,987	13,203,730	99
47	Ameya Pawar	1,313	181	1,494	9,971,067	14,571,717	109
48	Harry Osterman	775	319	1,094	16,069,251	23,483,604	175
49	Joe Moore	610	168	778	7,784,242	11,375,892	85
50	Debra L. Silverstein	665	340	1,005	17,880,808	26,131,012	195
	Undetermined	323	75	398	4,171,016	6,095,523	46
	Grand Total	35,435	12,096	47,531	\$ 686,906,151	\$ 1,003,844,649	7,500



CTPF MEMBERS AND ANNUITANTS

UNDERSTANDING THE EQUATION: CTPF'S ECONOMIC IMPACT

REGION: ILLINOIS, INDUSTRY, HOUSEHOLDS

CTPF data used in this report:

\$1.3 billion in payments to
24,440 annuitants residing
in Illinois

Total impact is based on CTPF
benefit payments multiplied by
the U.S. Bureau of Economic
Analysis total output multiplier
of 1.4614:

$$\begin{array}{r} 1.4614 \\ \times 1.346 \text{ billion} \\ \hline \end{array}$$

\$1.9 billion in economic
impact in Illinois

$$\begin{array}{r} 1.4614 \\ \times 687 \text{ million} \\ \hline \end{array}$$

\$1.0 billion in economic
impact in Chicago

FUND DEMOGRAPHICS

A majority of CTPF's members, about 90% of all active members and annuitants (*including retirees, survivors, and members with disabilities receiving pensions*), live in the State of Illinois. Approximately 84% of CTPF's annuitants live in Illinois and about half of those members reside in the City of Chicago. CTPF annuitants spend their pensions close to home, benefiting the state and local economies.

CALCULATING CTPF'S TOTAL ECONOMIC IMPACT

Economic activity includes CTPF benefit payments and all additional economic activity in Illinois generated by those payments. Economic multipliers measure the direct and indirect effect of payments made to CTPF annuitants. Multipliers are supplied by the U.S. Department of Commerce, Bureau of Economic Analysis.

JOB CREATION

Money spent in Illinois translates into jobs for Illinois residents. Multipliers are supplied by the U.S. Department of Commerce, Bureau of Economic Analysis. Multipliers are based on statewide economic activity. Individually calculated multipliers by district are not available, so economic impact is intended to be illustrative.

IMPACT BEYOND ILLINOIS: CTPF'S COMMITMENT TO U.S. INFRASTRUCTURE



The foundation of a modern economy depends on strong infrastructure: well-maintained transit, power supplies, school modernization, clean energy, water systems, and communication systems. Investing in these assets is essential to stimulate economic growth, reduce poverty, and address the most systemic development challenges of today's world: primarily social stability, rapid urbanization, climate change adaptation and mitigation, and natural disasters.

The need is great and meeting that need is challenging. A ground-breaking report released in July 2017 by the *G20's Global Infrastructure Hub* outlines infrastructure investment needs globally and individually for 50 countries through 2040. The numbers are staggering. Nearly \$97 trillion in investment is needed to meet global demand, and the report forecasts a shortfall of nearly \$18 trillion if investment continues at current rates.

The G20 report notes that the United States will have the largest gap in infrastructure spending, projected to be \$3.8 trillion, or 30%, by 2040. Canada, by contrast, will have about 98% of its infrastructure fully funded. Closing the gap in infrastructure spending required to meet U.S. needs and boost global competitiveness will require both private and public investments.



Investment in INFRASTRUCTURE is an INVESTMENT in
AMERICA'S FUTURE – jobs, energy, and our QUALITY OF LIFE.



PENSION FUNDS FILL THE GAP



Pension funds across the nation are stepping up to fund infrastructure projects, and the CTPF Board of Trustees took an important step when it unanimously voted to adopt a resolution affirming its commitment to U.S. infrastructure investment during its meeting on September 21, 2017. Jay C. Rehak, President of the CTPF Board of Trustees, stated, “We have committed more than \$360 million to this asset class since our first investment in 2009. As responsible stewards of public funds, we appreciate the opportunities that infrastructure investments present not just to meet our investment goals, but also to promote the public good. These investments pay dividends not just as an investment return, but in a much broader sense, providing jobs in the skilled trades, supporting families, and helping grow the economy.”

When formulating their public declaration, CTPF Trustees looked to the American Society of Civil Engineers (ASCE) *Infrastructure Report Card*, which offers a snapshot of the state of American infrastructure. Kristina Swallow, President of ASCE, noted the stagnation, “In ASCE’s 2017 Infrastructure Report Card, our nation’s deteriorating infrastructure received a grade of D+; the same grade it received in 2013. We see the consequences of underperforming infrastructure play out every day – from the hours we waste sitting in traffic to the quality of our children’s school facilities.”

Investment in infrastructure is an investment in America’s future – jobs, energy, and our quality of life. CTPF understands the critical importance and significant opportunity and will lead the way by working with its money managers and consultants to stimulate projects. The result of this investment will be a strong foundation from which to grow for both CTPF’s members and communities across the country.

CASE STUDY: Rebuilding the Goethals Bridge



CTPF invested in a public-private partnership to rebuild the Goethals Bridge, originally built in 1928, a critical connection linking New York and New Jersey. The \$1.5 billion crossing will create 2,250 direct jobs, paying a total of \$224 million in wages, and generating \$872 million in total economic activity for the region. The project employed union labor for operations and management. The eastbound span opened in June 2017 and the westbound span is scheduled to be completed in 2018.

PENSIONS MATTER

IT’S TIME TO UNDERSTAND THE BIG PICTURE WHEN WE LOOK AT PENSIONS. A pension is an efficient vehicle for providing retirement security. The National Institute on Retirement Security estimates that a pension plan can provide benefits at about half the cost associated with a 401(k) plan.

CTPF BENEFITS ARE EARNED DURING A LIFETIME OF SERVICE.

CTPF members contribute 9% of every paycheck to their pension.

CTPF MEMBERS DEPEND ON PENSIONS.

CTPF members have been contributing to pensions since 1895, more than 40 years before Social Security was established. CTPF members do not receive Social Security retirement payments and rely on pensions for financial security.

CTPF MEMBERS ARE SPENDERS.

Every dollar paid out in pension benefits generates \$1.46 in economic activity for the State – a solid return in any economy. But in tough economic times, pensions matter more – because pensioners with guaranteed income can continue to spend.

CTPF MEMBERS DRIVE THE ECONOMY.

Pension benefits are returned to Illinois and generate additional revenue through the ripple effect on the economy. Pension revenue helps to generate more than 14,704 jobs statewide with 7,500 in Chicago.

**CTPF PENSIONS
MATTER to Chicago
and Illinois.**

THE BUCK STAYS HERE

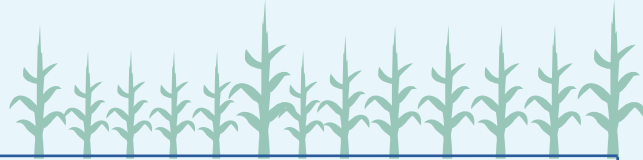
CTPF MEMBERS' IMPACT
EXTENDS BEYOND CLASSROOM



84%

OF CTPF ANNUITANTS STAY IN ILLINOIS, WITH ABOUT HALF OF THOSE MEMBERS RESIDING IN CHICAGO

ILLINOIS



\$1.3 BILLION MADE IN
DIRECT PENSION PAYMENTS
TO ANNUITANTS LIVING IN ILLINOIS

RESULTS IN...



\$1.9 BILLION
IN TOTAL ECONOMIC IMPACT
IN ILLINOIS



**14,704
JOBS**

SUPPORTED
IN ILLINOIS

CHICAGO

\$687 MILLION
IN DIRECT PENSION PAYMENTS MADE
TO ANNUITANTS LIVING IN CHICAGO

RESULTS IN...

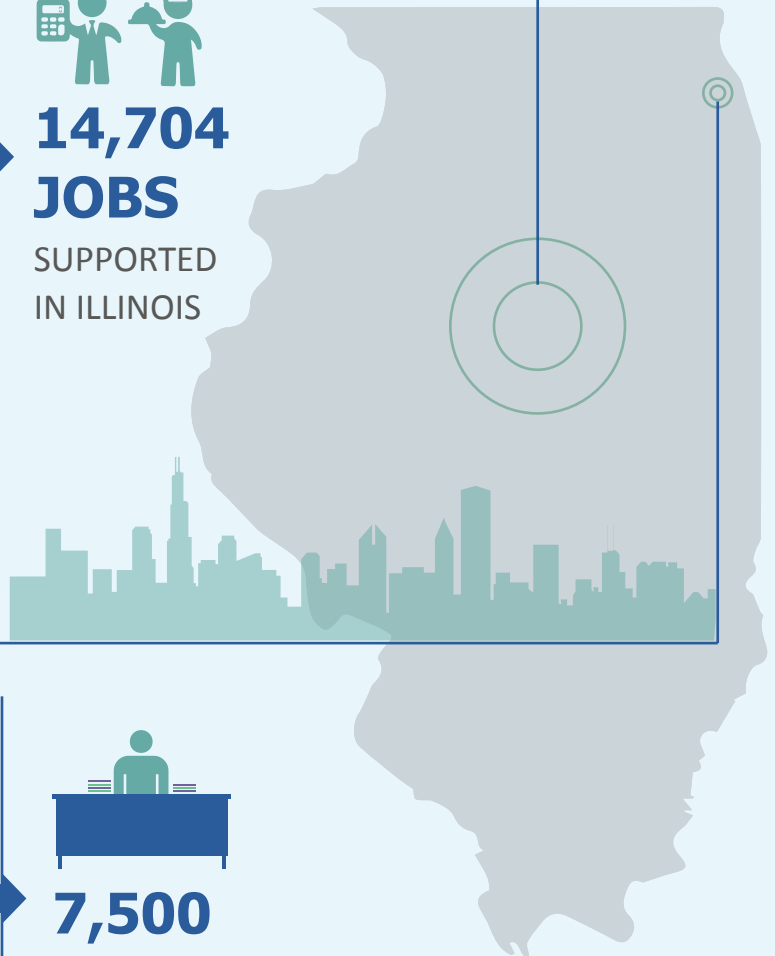


\$1.0 BILLION
IN TOTAL ECONOMIC IMPACT
IN CHICAGO



**7,500
JOBS**

SUPPORTED
IN CHICAGO



NOTE: CTPF CALCULATES ESTIMATES OF TOTAL ECONOMIC IMPACT AND JOBS SUPPORTED BY MULTIPLYING BENEFIT PAYMENTS BY TOTAL OUTPUT MULTIPLIERS SUPPLIED BY THE U.S. DEPARTMENT OF COMMERCE, BUREAU OF ECONOMIC ANALYSIS.