

STATISTICAL

- SECTION 5 -

ACCOMPLISHMENT

The Museum of Fine Arts, Houston expands with its new modern and contemporary art building, The Nancy and Rich Kinder Building



OUR CITY IS OUR MASTERPIECE, CONSTANTLY IMPROVING



HMEPS
HOUSTON MUNICIPAL EMPLOYEES PENSION SYSTEM

INTRODUCTION

The Statistical section of the Annual Comprehensive Financial Report presents detailed information related to the System's financial statements. The schedules within the Statistical section are classified as Financial Trends and Participant Information. All information was derived from audited annual financials and/or our benefit administration system, and/or the annual actuarial valuations.

FINANCIAL TRENDS

The Changes in Fiduciary Net Position schedule shows the additions and deductions from the fiduciary net position and the resulting changes in fiduciary net position for the ten years ending June 30, 2022.

Additions to Fiduciary Net Position include city and member contributions to the System which are external sources of additions to plan net positions. Additions also include earnings from the System's investment activity and are the System's internal sources of, and typically the larger component of, additions to plan net positions.

Deductions from Fiduciary Net Position are primarily comprised of benefit payments and refunds paid to participants.

OPERATING INFORMATION

Participant data for the last twelve years ending June 30, 2022 can be found starting on page 141 and includes several schedules regarding benefit payments to participants and participant demographics.

SCHEDULE OF BENEFIT RECIPIENTS BY TYPE AND AGE

Year Ended June 30, 2022

<i>Age on June 30</i>	<i>Service</i>	<i>Disability</i>	<i>Survivors and Beneficiaries</i>	<i>Total</i>
Under 40	0	0	79	79
40 - 44	0	0	11	11
45 - 49	0	5	24	29
50 - 54	90	6	49	145
55 - 59	448	21	116	585
60 - 64	1,580	35	226	1,841
65 - 69	2,392	54	323	2,769
70 - 74	2,203	53	306	2,562
75 - 79	1,495	27	312	1,834
80 - 84	752	25	259	1,036
85 & Over	524	9	335	868
Total	9,484	235	2,040	11,759

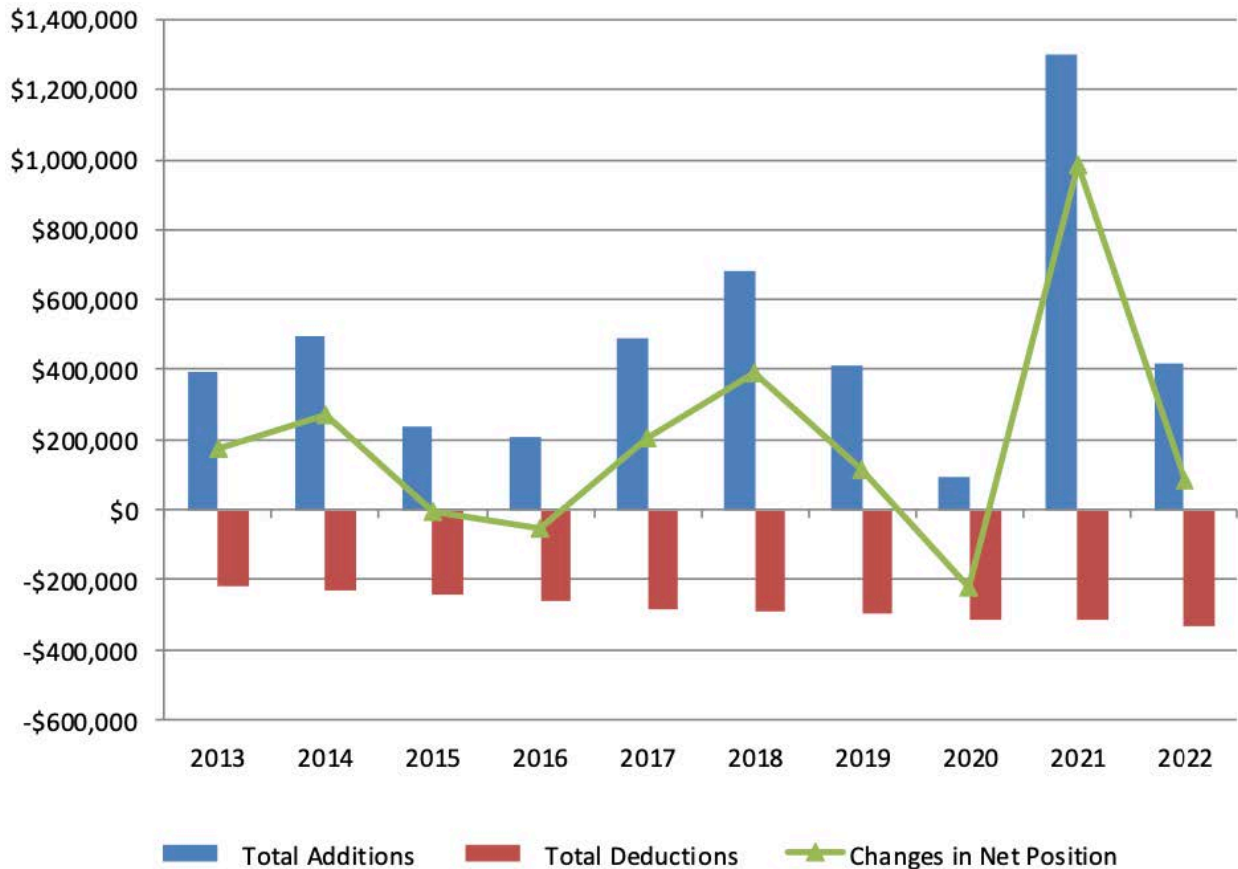
SCHEDULE OF CHANGES IN FIDUCIARY NET POSITION (IN \$000)

Financial Trends

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Additions (Reductions)										
Employer contributions	\$ 111,859	\$ 128,274	\$ 145,007	\$ 159,958	\$ 182,558	\$ 421,562	\$ 176,261	\$ 176,430	\$ 184,762	\$ 197,340
Member contributions	17,041	16,580	16,198	15,874	15,901	27,905	32,536	32,582	33,325	32,655
Investment income (loss)	263,891	351,792	73,854	27,988	290,911	231,815	200,445	(115,166)	1,084,387	189,390
Other income	1,246	730	557	1,303	1,272	701	710	484	487	466
Total additions (reductions) to net position	394,037	497,376	235,616	205,123	490,642	681,983	409,952	94,330	1,302,961	419,851
Deductions										
Benefit payments	213,178	221,925	234,955	253,179	280,456	283,928	291,060	308,002	314,150	327,773
Refund of contributions	1,266	1,213	1,549	1,105	718	807	1,394	649	402	1,133
Professional services fees	871	597	822	1,021	805	656	664	636	664	725
Cost of administration	6,341	5,818	6,185	6,339	6,021	5,786	4,699	4,255	2,446	4,956
Total deductions to net position	221,656	229,553	243,511	261,644	288,000	291,177	297,817	313,542	317,662	334,587
Changes in fiduciary net position	\$ 172,381	\$ 267,823	\$ (7,895)	\$ (56,521)	\$ 202,642	\$ 390,806	\$ 112,135	\$ (219,212)	\$ 985,299	\$ 85,264

CHART OF CHANGES IN FIDUCIARY NET POSITION (IN \$000)

Years Ended June 30



SCHEDULE OF BENEFIT PARTICIPANTS AND ANNUITIES BY TYPE

Ten Years Ended June 30 (in \$000) | Operating Information

Participants by Benefit Type	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Service	7,258	7,522	7,821	8,084	8,376	8,616	8,855	9,070	9,189	9,484
Disability	387	373	350	336	323	298	289	280	252	235
Survivors and beneficiaries	1,782	1,827	1,854	1,893	1,902	1,918	1,955	1,997	2,022	2,040
Total Annuity Count	9,427	9,722	10,025	10,313	10,601	10,832	11,099	11,347	11,463	11,759
Inactive Eligible Participants	3,298	3,305	3,202	3,432	3,409	3,457	3,597	3,622	3,700	3,886
Total Eligible for Benefits	12,725	13,027	13,227	13,745	14,010	14,289	14,696	14,969	15,163	15,645

Benefit Payments by Type

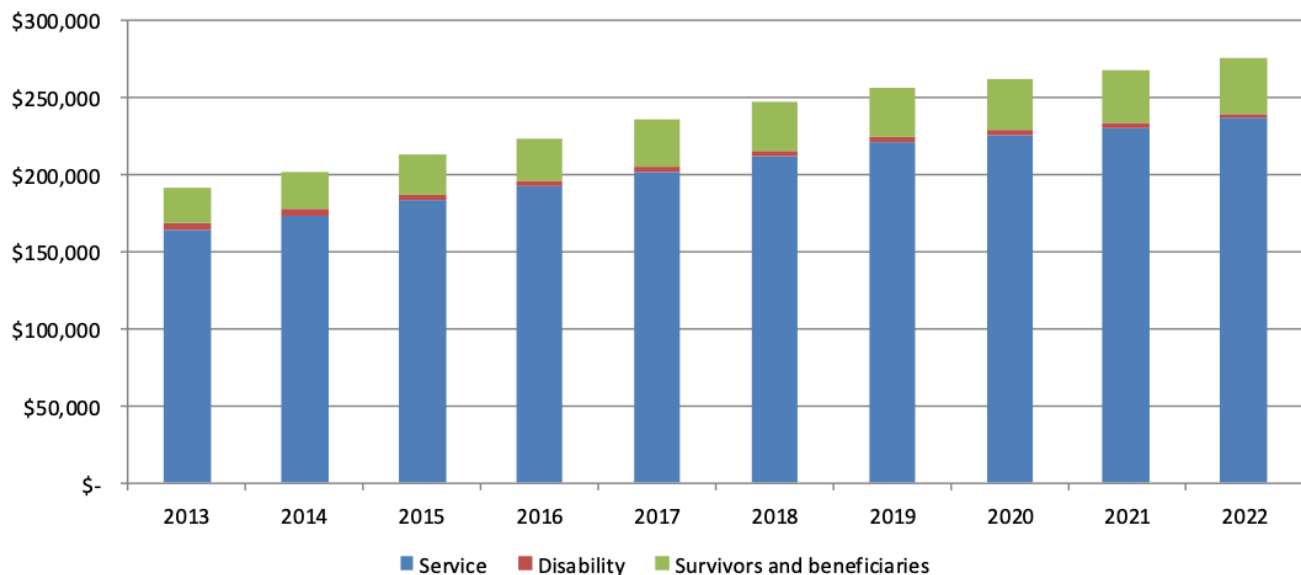
Service	\$ 164,924	\$ 173,749	\$ 183,613	\$ 192,759	\$ 201,890	\$ 212,243	\$ 220,871	\$ 225,352	\$ 230,531	\$ 236,947
Disability	3,864	3,808	3,722	3,626	3,613	3,462	3,350	3,322	3,128	2,916
Survivors and beneficiaries	22,383	24,262	25,777	27,346	30,329	31,521	32,705	33,616	34,779	35,960
Total Annuity Payments	\$ 191,171	\$ 201,819	\$ 213,112	\$ 223,731	\$ 235,832	\$ 247,226	\$ 256,926	\$ 262,290	\$ 268,438	\$ 275,823
Lump Sum Payments	\$ 200	\$ 177	\$ 201	\$ 252	\$ 351	\$ 224	\$ 402	\$ 384	\$ 205	\$ 135
Hybrid-Cash Balance	-	-	-	-	-	-	44	120	198	19,848
DROP Payments	21,807	19,929	21,641	29,195	44,274	36,478	33,687	45,206	45,306	31,967
Total Other Benefit Payments	22,007	20,106	21,842	29,447	44,625	36,702	34,133	45,710	45,709	51,950
Total Benefit Payments	\$ 213,178	\$ 221,925	\$ 234,954	\$ 253,178	\$ 280,457	\$ 283,928	\$ 291,059	\$ 308,000	\$ 314,147	\$ 327,773
Refunds of Contribution	\$ 1,266	\$ 1,213	\$ 1,549	\$ 1,105	\$ 718	\$ 807	\$ 1,394	\$ 649	\$ 402	\$ 1,133

Average Benefit Payments by Type

Service	\$ 22,723	\$ 23,099	\$ 23,477	\$ 23,845	\$ 24,103	\$ 24,634	\$ 24,943	\$ 24,846	\$ 25,088	\$ 24,984
Disability	9,984	10,209	10,634	10,792	11,186	11,617	11,592	11,864	12,414	12,409
Survivors and beneficiaries	12,561	13,280	13,903	14,446	15,946	16,434	16,729	16,833	17,200	17,627

CHART OF BENEFIT PARTICIPANTS AND ANNUITIES BY TYPE (IN \$000)

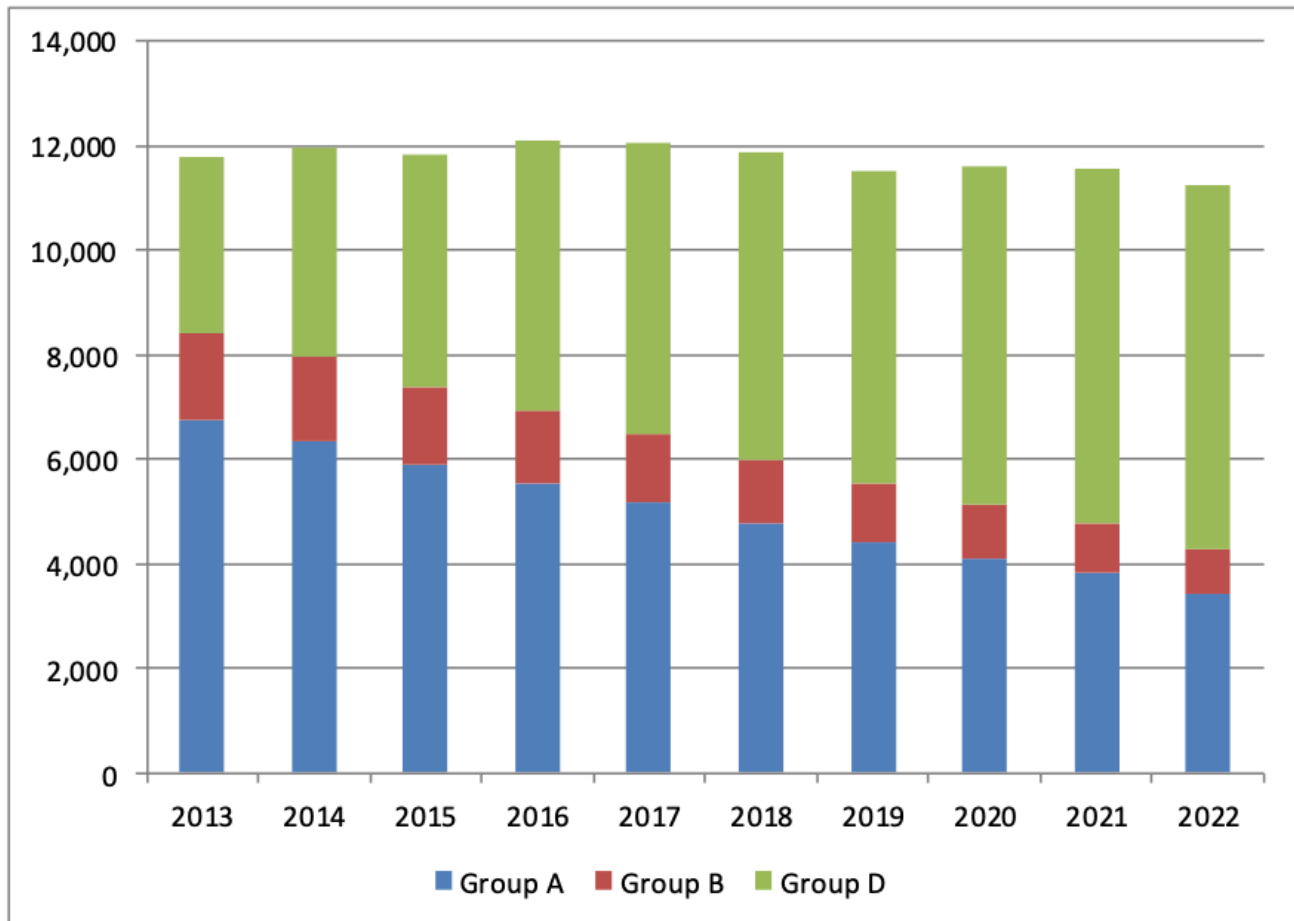
Years Ended June 30



HISTORICAL ACTIVE PARTICIPANT DATA

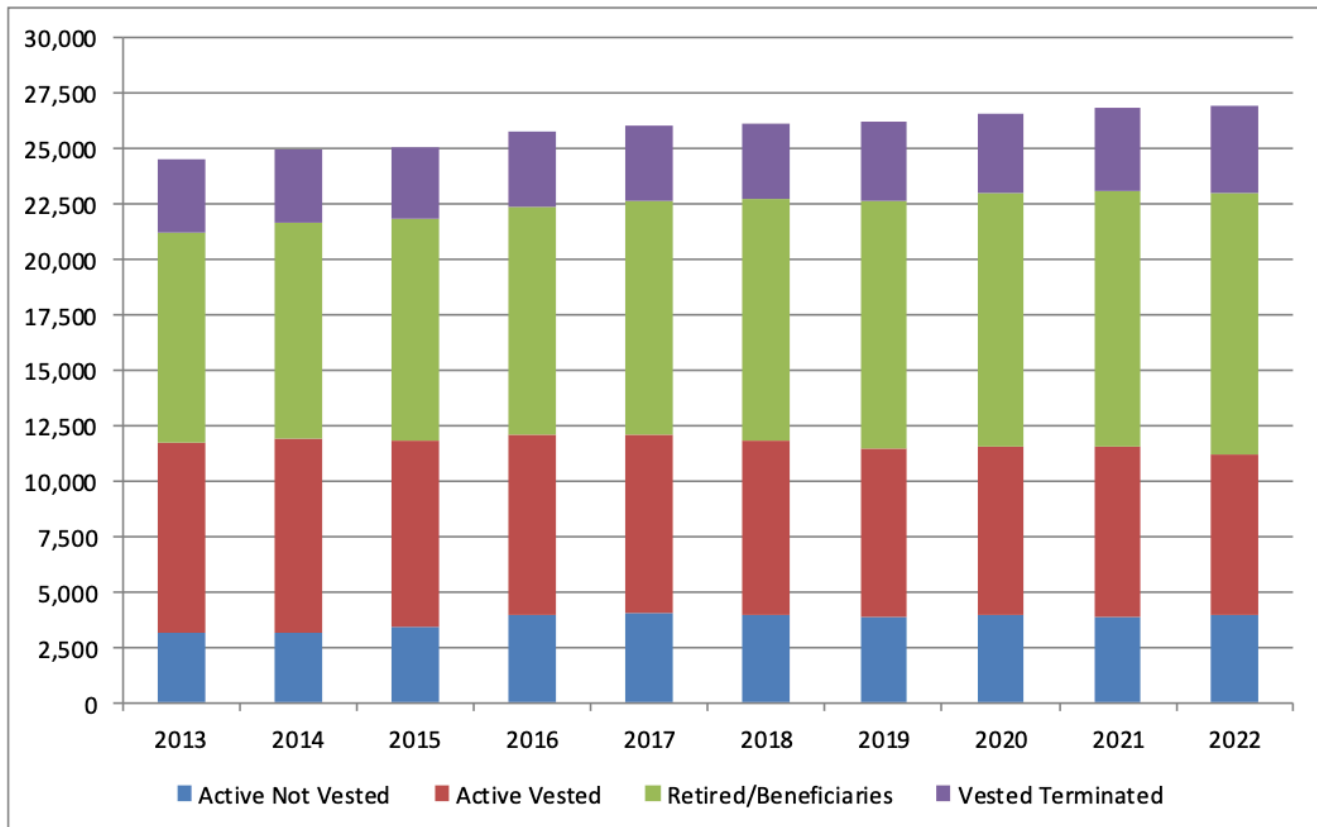
Fiscal Year	Group A	Group B	Group D	Number of Participants	Annual Payroll (\$000)	Average Salary (\$)	% Salary Increase
2011	7,857	1,932	2,556	12,345	544,665	44,120	3.5
2012	7,167	1,759	2,744	11,670	534,394	45,792	3.8
2013	6,777	1,666	3,338	11,781	549,971	46,683	1.9
2014	6,366	1,590	3,993	11,949	568,992	47,618	2.0
2015	5,911	1,489	4,427	11,827	584,025	49,381	3.7
2016	5,537	1,417	5,149	12,103	608,210	50,253	1.8
2017	5,165	1,312	5,589	12,066	623,577	51,681	2.8
2018	4,788	1,198	5,894	11,880	624,266	52,548	1.7
2019	4,427	1,107	5,973	11,507	636,463	55,311	5.3
2020	4,116	1,019	6,459	11,594	657,876	56,743	2.6
2021	3,827	936	6,816	11,579	669,217	57,796	1.9
2022	3,457	840	6,958	11,255	696,890	61,120	5.8

CHART OF ACTIVE PARTICIPANTS



HISTORICAL TOTAL MEMBERSHIP DATA AND BAR CHART

Fiscal Year	Active Nonvested	Active Vested	Retired/ Beneficiaries	Vested Terminated	Totals
2011	4,237	8,108	8,717	3,178	24,240
2012	3,512	8,158	9,078	3,237	23,985
2013	3,154	8,627	9,427	3,298	24,506
2014	3,131	8,818	9,685	3,313	24,947
2015	3,475	8,352	10,023	3,202	25,052
2016	3,967	8,136	10,289	3,432	25,824
2017	4,105	7,961	10,601	3,409	26,076
2018	3,965	7,915	10,834	3,457	26,171
2019	3,917	7,590	11,110	3,609	26,226
2020	3,989	7,605	11,373	3,661	26,628
2021	3,879	7,700	11,481	3,789	26,849
2022	3,998	7,257	11,759	3,886	26,900



AVERAGE BENEFIT PAYMENTS BY YEARS OF CREDITED SERVICE

Members Retiring During Fiscal Years		Years of Credited Service						All Members
		5-10	11-15	16-20	21-25	26-30	30+	
2013	Average monthly benefit	\$ 577	\$ 1,083	\$ 1,524	\$ 2,406	\$ 2,492	\$ 2,936	\$ 1,450
	Average monthly salary	\$ 3,660	\$ 3,565	\$ 3,503	\$ 3,877	\$ 3,573	\$ 4,000	\$ 3,648
	Average DROP balance	\$ 33,482	\$ 96,989	\$ 163,551	\$ 196,720	\$ 70,570	\$ 37,305	\$ 137,474
	Number of DROP retirees	17	44	59	52	13	2	187
	Number of retirees	110	114	113	84	31	12	461
2014	Average monthly benefit	\$ 582	\$ 1,082	\$ 1,523	\$ 2,283	\$ 2,695	\$ 3,424	\$ 1,395
	Average monthly salary	\$ 3,229	\$ 3,238	\$ 3,505	\$ 3,741	\$ 3,625	\$ 4,402	\$ 3,423
	Average DROP balance	\$ 92,531	\$ 118,155	\$ 119,035	\$ 276,187	\$ 131,517	\$ 104,467	\$ 153,977
	Number of DROP retirees	23	46	72	51	27	1	220
	Number of retirees	126	116	123	78	35	4	482
2015	Average monthly benefit	\$ 625	\$ 1,158	\$ 1,871	\$ 2,412	\$ 2,950	\$ 2,762	\$ 1,636
	Average monthly salary	\$ 3,365	\$ 3,586	\$ 3,756	\$ 3,791	\$ 3,847	\$ 3,330	\$ 3,639
	Average DROP balance	\$ 55,711	\$ 112,360	\$ 172,535	\$ 186,044	\$ 136,625	\$ 97,841	\$ 153,083
	Number of DROP retirees	19	47	93	78	24	4	265
	Number of retirees	109	107	131	109	29	7	492
2016	Average monthly benefit	\$ 674	\$ 1,039	\$ 1,972	\$ 2,802	\$ 3,627	\$ 2,915	\$ 1,807
	Average monthly salary	\$ 3,973	\$ 3,278	\$ 3,983	\$ 3,957	\$ 4,477	\$ 3,466	\$ 3,846
	Average DROP balance	\$ 52,494	\$ 72,536	\$ 158,655	\$ 318,208	\$ 253,977	\$ 165,445	\$ 194,300
	Number of DROP retirees	22	36	91	78	22	8	257
	Number of retirees	100	96	124	101	29	12	462
2017	Average monthly benefit	\$ 727	\$ 1,176	\$ 1,753	\$ 2,696	\$ 2,989	\$ 4,408	\$ 1,867
	Average monthly salary	\$ 4,131	\$ 3,481	\$ 3,673	\$ 4,110	\$ 3,947	\$ 4,999	\$ 3,883
	Average DROP balance	\$ 73,002	\$ 75,610	\$ 126,681	\$ 231,788	\$ 238,546	\$ 268,657	\$ 172,994
	Number of DROP retirees	17	44	89	116	37	9	312
	Number of retirees	95	118	121	145	47	12	538
2018	Average monthly benefit	\$ 630	\$ 1,223	\$ 1,909	\$ 3,070	\$ 3,149	\$ 3,788	\$ 1,860
	Average monthly salary	\$ 3,832	\$ 3,880	\$ 3,960	\$ 4,633	\$ 4,121	\$ 4,167	\$ 4,070
	Average DROP balance	\$ 66,220	\$ 82,362	\$ 166,913	\$ 257,733	\$ 229,513	\$ 194,307	\$ 178,656
	Number of DROP retirees	30	39	76	81	29	9	264
	Number of retirees	95	120	116	98	37	11	477
2019	Average monthly benefit	\$ 650	\$ 1,133	\$ 1,894	\$ 2,428	\$ 2,863	\$ 3,135	\$ 1,714
	Average monthly salary	\$ 3,953	\$ 3,631	\$ 3,947	\$ 4,035	\$ 4,217	\$ 3,958	\$ 3,910
	Average DROP balance	\$ 61,302	\$ 122,503	\$ 168,807	\$ 189,182	\$ 178,161	\$ 150,946	\$ 163,574
	Number of DROP retirees	13	43	92	90	29	9	276
	Number of retirees	85	121	132	110	36	12	496
2020	Average monthly benefit	\$ 705	\$ 1,186	\$ 2,014	\$ 2,514	\$ 3,009	\$ 3,832	\$ 1,742
	Average monthly salary	\$ 4,788	\$ 4,006	\$ 4,330	\$ 4,269	\$ 4,041	\$ 4,327	\$ 4,299
	Average DROP balance	\$ 128,190	\$ 93,487	\$ 186,706	\$ 229,407	\$ 335,312	\$ 318,903	\$ 202,087
	Number of DROP retirees	11	44	71	69	29	8	232
	Number of retirees	95	128	108	94	37	10	472
2021	Average monthly benefit	\$ 652	\$ 1,317	\$ 1,864	\$ 2,960	\$ 2,972	\$ 3,740	\$ 1,896
	Average monthly salary	\$ 4,498	\$ 4,428	\$ 4,176	\$ 4,688	\$ 4,348	\$ 4,808	\$ 4,435
	Average DROP balance	\$ 97,640	\$ 94,848	\$ 189,769	\$ 283,310	\$ 236,576	\$ 218,130	\$ 209,128
	Number of DROP retirees	7	43	71	81	36	8	246
	Number of retirees	79	106	111	93	39	12	440
2022	Average monthly benefit	\$ 607	\$ 1,223	\$ 1,850	\$ 2,485	\$ 3,397	\$ 3,549	\$ 1,823
	Average monthly salary	\$ 4,125	\$ 4,218	\$ 4,068	\$ 4,219	\$ 4,657	\$ 4,572	\$ 4,225
	Average DROP balance	\$ 95,082	\$ 90,493	\$ 158,242	\$ 259,550	\$ 327,535	\$ 252,376	\$ 203,775
	Number of DROP retirees	12	64	88	113	49	4	330
	Number of retirees	103	148	124	138	65	10	588
10 Years Ended 6/30/2022	Average monthly benefit	\$ 643	\$ 1,162	\$ 1,817	\$ 2,606	\$ 3,014	\$ 3,449	\$ 1,719
	Average monthly salary	\$ 3,955	\$ 3,731	\$ 3,890	\$ 4,132	\$ 4,085	\$ 4,203	\$ 3,938
	Average DROP balance	\$ 75,565	\$ 95,934	\$ 161,089	\$ 242,813	\$ 213,833	\$ 180,838	\$ 176,905
	Avg Number of DROP retirees	17	45	80	81	30	6	259
	Total Number of retirees	997	1,174	1,203	1,050	385	102	4,908