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Statistical Section Overview

The Statistical Section provides historical context for understanding what the Basic Financial Statements and Required Supplementary Information say about TMRS' overall financial condition. This section presents information consistent with GASB Statement No. 44, *Economic Condition Reporting: The Statistical Section*.

Changes in Fiduciary Net Position for the Pension Trust Fund and the Supplemental Death Benefits Fund are presented for the last 10 years. Information presented in these tables is derived from the Statement of Changes in Fiduciary Net Position located in the Financial Section of this and prior years' annual reports.

The Schedule of Average Benefit Payments for New Retirements provides information on the average monthly benefit and number of retirees over the last 10 years, categorized in five-year increments of credited service.

The Schedule of Retirement Benefit Recipients by Type of Benefit presents the benefit options selected by current retirees in ranges of monthly benefit levels.

The Schedules of Principal Participating Cities show the top 10 participating cities based on membership size for the Pension Trust Fund and the Supplemental Death Benefits Fund as of December 31, 2021 and 2012.

Financial Trends Information

Table S-1 (1 of 2)

	2012	2013	2014	2015	2016
Additions to net position by source					
City contributions	\$ 664,852,429	\$ 681,469,222	\$ 719,904,310	\$ 751,708,718	\$ 768,252,338
Member contributions	327,363,043	339,906,924	355,413,935	376,103,505	389,919,391
Net investment income (loss)	1,863,280,541	1,974,888,477	1,285,344,179	35,011,429	1,602,187,418
Other	13,962	17,961	29,491	3,900	25,956
Total additions to net position	2,855,509,975	2,996,282,584	2,360,691,915	1,162,827,552	2,760,385,103
Deductions from net position by type					
Retirement benefits					
Service retirements	729,636,554	794,458,670	861,959,010	937,848,878	1,005,485,139
Disability retirements	16,049,912	16,469,149	16,873,699	16,775,098	17,019,188
Partial lump sum distributions	119,250,573	135,568,703	149,739,411	148,161,053	139,559,781
Total retirement benefits	864,937,039	946,496,522	1,028,572,120	1,102,785,029	1,162,064,108
Member account refunds					
Withdrawal/Ineligibility	56,756,327	56,856,706	58,174,242	55,742,784	52,935,465
Death	1,086,396	870,968	548,881	1,232,485	1,246,130
Total member account refunds	57,842,723	57,727,674	58,723,123	56,975,269	54,181,595
Administrative expenses	12,114,375	12,821,721	13,419,567	21,325,422	18,095,315
Income allocated to SDBF	1,310,740	1,202,065	1,132,803	1,057,178	1,000,892
Total deductions from net position	936,204,877	1,018,247,982	1,101,847,613	1,182,142,898	1,235,341,910
Change in fiduciary net position	1,919,305,098	1,978,034,602	1,258,844,302	(19,315,346)	1,525,043,193
Fiduciary net position, beginning of year	18,571,293,924	20,490,599,022	22,468,633,624	23,727,477,926	23,708,162,580

Financial Trends Information CONTINUED

Table S-1 (2 of 2)

	Changes in Fiduciary Net Position – Last 10 Years (Pension Trust Fund) For the Year Ended December 31												
	2017	2018	2019	2020	2021								
Additions to net position by source													
City contributions	\$ 838,363,116	\$ 881,531,535	\$ 930,236,155	\$ 1,191,723,159	\$ 1,076,907,798								
Member contributions	410,527,770	427,808,238	453,608,174	479,187,524	492,319,722								
Net investment income (loss)	3,497,133,077	(858,122,961)	4,279,485,297	2,414,460,057	4,469,101,837								
Other	47,105	18,501	32,880	47,400	560,172								
Total additions to net position	4,746,071,068	451,235,313	5,663,362,506	4,085,418,140	6,038,889,529								
Deductions from net position by type													
Retirement benefits													
Service retirements	1,077,485,262	1,159,702,957	1,247,542,653	1,335,234,201	1,433,417,512								
Disability retirements	17,005,751	17,060,303	17,080,384	17,178,149	17,238,392								
Partial lump sum distributions	156,915,521	158,490,461	180,929,339	191,627,456	194,678,511								
Total retirement benefits	1,251,406,534	1,335,253,721	1,445,552,376	1,544,039,806	1,645,334,415								
Member account refunds													
Withdrawal/Ineligibility	58,344,609	63,195,632	61,089,736	54,413,400	60,352,469								
Death	1,061,303	1,060,228	1,596,204	1,600,143	1,983,618								
Total member account refunds	59,405,912	64,255,860	62,685,940	56,013,543	62,336,087								
Administrative expenses	18,124,164	16,585,866	24,183,038	15,625,982	20,679,140								
Income allocated to SDBF	965,614	885,044	759,316	657,050	418,537								
Total deductions from net position	1,329,902,224	1,416,980,491	1,533,180,670	1,616,336,381	1,728,768,179								
Change in fiduciary net position	3,416,168,844	(965,745,178)	4,130,181,836	2,469,081,759	4,310,121,350								
Fiduciary net position, beginning of year	25,233,205,773	28,649,374,617	27,683,629,439	31,813,811,275	34,282,893,034								
Fiduciary net position, end of year	\$ 28,649,374,617	\$ 27,683,629,439	\$ 31,813,811,275	\$ 34,282,893,034	\$ 38,593,014,384								

Financial Trends InformationCONTINUED

Table S-2 (1 of 2)

or the Year Ended December 31											
		2012		2013		2014		2015		2016	
Additions to net position by source											
City contributions	\$	5,248,375	\$	5,673,095	\$	6,126,769	\$	6,507,371	\$	6,983,501	
Income allocated from Interest Reserve Account	_	1,310,740	_	1,202,065	_	1,132,803	_	1,057,178	_	1,000,892	
Total additions to net position		6,559,115		6,875,160		7,259,572		7,564,549		7,984,393	
Deductions from net position by type											
Supplemental death benefits – active		5,001,559		4,462,634		4,164,899		4,964,631		3,759,923	
Supplemental death benefits – retiree	_	3,618,125	_	4,187,500	_	4,285,094	_	4,190,144	_	4,726,250	
Total deductions from net position	_	8,619,684	_	8,650,134	_	8,449,993	_	9,154,775	_	8,486,173	
Change in fiduciary net position		(2,060,569)		(1,774,974)		(1,190,421)		(1,590,226)		(501,780)	
Fiduciary net position, beginning of year	_	27,746,020	_	25,685,451	_	23,910,477	_	22,720,056	_	21,129,830	
Fiduciary net position, end of year	Ś	25,685,451	\$	23,910,477	\$	22,720,056	\$	21,129,830	\$	20,628,050	

Financial Trends InformationCONTINUED

Table S-2 (2 of 2)

		2017		2018		2019		2020		2021
Additions to net position by source										
City contributions	\$	7,286,154	\$	7,758,059	\$	8,321,181	\$	8,945,812	\$	10,655,161
Income allocated from Interest Reserve Account	_	965,614	_	885,044	_	759,316	_	657,050	_	418,537
Total additions to net position		8,251,768		8,643,103		9,080,497		9,602,862		11,073,698
Deductions from net position by type										
Supplemental death benefits – active		5,177,812		4,912,215		6,812,283		5,346,471		11,608,967
Supplemental death benefits – retiree	_	4,771,250	_	5,355,144	_	5,501,603	_	5,738,125	_	6,240,625
Total deductions from net position	_	9,949,062	_	10,267,359	_	12,313,886	_	11,084,596	_	17,849,592
Change in fiduciary net position		(1,697,294)		(1,624,256)		(3,233,389)		(1,481,734)		(6,775,894)
Fiduciary net position, beginning of year	_	20,628,050	_	18,930,756	_	17,306,500	_	14,073,111	_	12,591,377
Fiduciary net position, end of year	\$	18,930,756	\$	17,306,500	\$	14,073,111	\$	12,591,377	\$	5,815,483

Demographic Information

Table S-3

Schedule of Average Ber	Schedule of Average Benefit Payments for New Retirements – Last 10 Years											
			Year	s Credited Se	ervice							
For Year Ended December 31	0 – 5	>5 – 10	>10 – 15	>15 – 20	>20 – 25	>25 – 30	>30					
2012												
Average Monthly Benefit	\$209.76	\$370.74	\$837.42	\$1,253.33	\$1,525.77	\$2,267.20	\$3,598.25					
Number of Active Retirees	102	353	406	319	641	488	634					
2013												
Average Monthly Benefit	\$218.94	\$402.34	\$837.41	\$1,226.22	\$1,535.92	\$2,246.41	\$3,463.35					
Number of Active Retirees	88	426	455	370	675	577	656					
2014												
Average Monthly Benefit	\$223.90	\$429.36	\$860.37	\$1,340.43	\$1,597.50	\$2,386.99	\$3,940.89					
Number of Active Retirees	111	427	471	385	770	619	812					
2015												
Average Monthly Benefit	\$198.34	\$427.51	\$979.05	\$1,231.53	\$1,531.45	\$2,411.38	\$4,030.21					
Number of Active Retirees	104	407	425	430	646	541	672					
2016												
Average Monthly Benefit	\$203.35	\$444.09	\$1,005.40	\$1,298.39	\$1,628.25	\$2,482.32	\$4,124.83					
Number of Active Retirees	103	443	460	442	680	528	717					
2017												
Average Monthly Benefit	\$238.17	\$465.54	\$892.55	\$1,368.13	\$1,668.07	\$2,572.89	\$4,340.74					
Number of Active Retirees	135	450	473	443	708	518	756					
2018												
Average Monthly Benefit	\$259.99	\$491.85	\$985.34	\$1,388.46	\$1,666.64	\$2,545.11	\$4,205.29					
Number of Active Retirees	129	416	511	506	765	505	752					
2019												
Average Monthly Benefit	\$226.15	\$481.63	\$999.41	\$1,375.40	\$1,687.76	\$2,554.41	\$4,510.90					
Number of Active Retirees	134	426	495	481	875	546	832					
2020												
Average Monthly Benefit	\$216.72	\$485.03	\$1,032.59	\$1,450.21	\$1,843.08	\$2,763.42	\$4,570.67					
Number of Active Retirees	137	555	507	539	869	565	849					
2021												
Average Monthly Benefit	\$207.11	\$498.40	\$1,035.12	\$1,469.68	\$1,860.82	\$2,729.39	\$4,664.14					
Number of Active Retirees	155	554	490	562	974	565	806					

This schedule does not provide the average final average salary that is reported for a traditional defined benefit plan because TMRS' cash-balance retirement benefit is not based on an individual's final salary.

The number of active retirees in 2021 excludes 77 retirees that received a single payment in lieu of a monthly benefit.

Demographic Information

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Table S-4

Schedule of Retirement Benefit Recipients by Type of Benefit

As of December 31, 2021

		Danafiki	Da sinia uta	Tuna of	Danasi's				Benefit	Payment Opt	ions				
	Amount of Benefit Recipients Monthly Benefit		kecipients	Type of Benefit		Life	Life Only		Survivor Lifetime Options				Guaranteed Term Options		
		Retirees	Beneficiary	Service	Disability	Retiree	Alternate	100%	75%	50%	2/3	5 yrs	10 yrs	15 yrs	
\$	0 – 100	934	163	1,039	58	252	192	437	36	87	7	25	16	45	
\$	101 – 500	9,548	2,142	11,172	518	3,404	962	4,049	417	1,275	136	376	310	761	
\$	501 – 1,000	10,760	2,191	12,511	440	3,583	501	4,350	690	1,825	182	539	410	871	
\$	1,001 – 1,500	9,504	1,517	10,808	213	3,043	214	3,704	652	1,693	219	470	313	713	
\$	1,501 – 2,000	7,008	918	7,836	90	2,201	91	2,453	579	1,274	198	386	244	500	
\$	2,001 – 2,500	5,188	583	5,734	37	1,656	54	1,747	421	952	160	281	165	335	
\$	2,501 – 3,000	3,713	382	4,085	10	1,132	22	1,231	308	743	106	239	106	208	
\$	3,001 – 3,500	2,890	249	3,137	2	915	18	864	279	606	74	165	82	136	
\$	3,501 – 4,000	2,139	155	2,289	5	652	5	590	212	472	53	126	74	110	
\$	4,001 & Over	6,703	329	7,030	2	2,074	13	1,546	974	1,507	116	321	188	293	
Su	btotals	58,387	8,629	65,641	1,375	18,912	2,072	20,971	4,568	10,434	1,251	2,928	1,908	3,972	
Tot	tals		67,016		67,016									67,016	

The schedule above categorizes the amount of monthly benefits and retirement benefit recipients by type of benefit and payment option selected.

For benefit recipients who die before receiving benefits at least equal to the member's account balance (member contributions and interest only) on the date of retirement, the remaining balance is paid to their estate or beneficiary(ies).

The schedule does not include 1,076 retirees who received a single payment in lieu of a monthly retirement benefit and who remain eligible for retiree supplemental death benefit.

Benefit Payment Options. When a member applies for retirement, they have three options to determine how their lifetime monthly benefit will be paid.

- **Retiree Life Only** provides the largest monthly retirement benefit. A retiree will receive a lifetime monthly retirement benefit with no survivor benefits. At their death, all TMRS payments will cease.
- Retiree Life and Survivor provides a reduced lifetime monthly retirement benefit, but it provides a lifetime monthly benefit after the retiree's death to their beneficiary. At the retiree's death, their beneficiary will receive a percentage (50%, 75% or 100%) of the retiree's monthly benefit each month for the rest of the beneficiary's life. A Retiree Life and 2/3 Survivor benefit is no longer an option for new retirees.
- Retiree Life and Guaranteed Term provides a reduced lifetime monthly retirement benefit, but it provides a monthly benefit to their beneficiary(ies) if the retiree dies before the guaranteed payment term ends. At retirement, the retiree will select a guaranteed payment term of 5, 10 or 15 years that begins at their retirement date. Then, if the retiree dies before their selected term ends, their beneficiary(ies) will receive their benefit for the remainder of that term.

Demographic Information CONTINUED

Table S-5

		2021			2012	
Participating City	Rank	Current Member Accounts	Percentage of Total	Rank	Current Member Accounts	Percentage of Total
San Antonio	1	7,057	6.1%	1	6,091	6.0%
Corpus Christi	2	2,571	2.2%	3	2,263	2.2%
Arlington	3	2,546	2.2%	2	2,442	2.4%
Plano	4	2,358	2.0%	4	2,098	2.1%
Laredo	5	2,305	2.0%	5	1,969	1.9%
Garland	6	2,082	1.8%	6	1,968	1.9%
Lubbock	7	1,808	1.6%	8	1,713	1.7%
Amarillo	8	1,721	1.5%	7	1,768	1.7%
San Antonio Water System	9	1,680	1.4%	9	1,660	1.6%
McAllen	10	1,621	1.4%	11	1,472	1.4%
All others		90,304	77.8%		78,383	77.1%
Total		116,053	100.0%		101,827	100.0%

Table S-6

	Schedule of Principal Participating Cities (Supplemental Death Benefits Fund) Current Year and Nine Years Ago													
			2021	2012										
Participating City	Rank	Current Member Accounts	Retiree Accounts	Total Accounts	Percentage of Total	Rank	Current Member Accounts	Retiree Accounts	Total Accounts	Percentage of Total				
Arlington	1	2,546	1,639	4,185	3.7%	1	2,442	1,068	3,510	4.0%				
Laredo	2	2,305	1,017	3,322	2.9%	3	1,969	595	2,564	2.9%				
Garland	3	2,082	1,236	3,318	2.9%	2	1,968	854	2,822	3.2%				
Irving	4	1,532	885	2,417	2.1%	4	1,353	579	1,932	2.2%				
Grand Prairie	5	1,380	684	2,064	1.8%	6	1,099	397	1,496	1.7%				
Denton	6	1,323	647	1,970	1.7%	9	1,065	318	1,383	1.6%				
Abilene	7	1,024	736	1,760	1.5%	5	978	556	1,534	1.7%				
Brownsville	8	1,097	563	1,660	1.4%	8	1,096	341	1,437	1.6%				
Pasadena	9	1,005	620	1,625	1.4%	7	933	538	1,471	1.7%				
McKinney	10	1,213	279	1,492	1.3%	17	795	112	907	1.0%				
All others		63,698	27,017	90,715	79.3%		53,305	15,297	68,602	78.4%				
Total		79,205	35,323	114,528	100.0%		67,003	20,655	87,658	100.0%				