



Member Profile Report

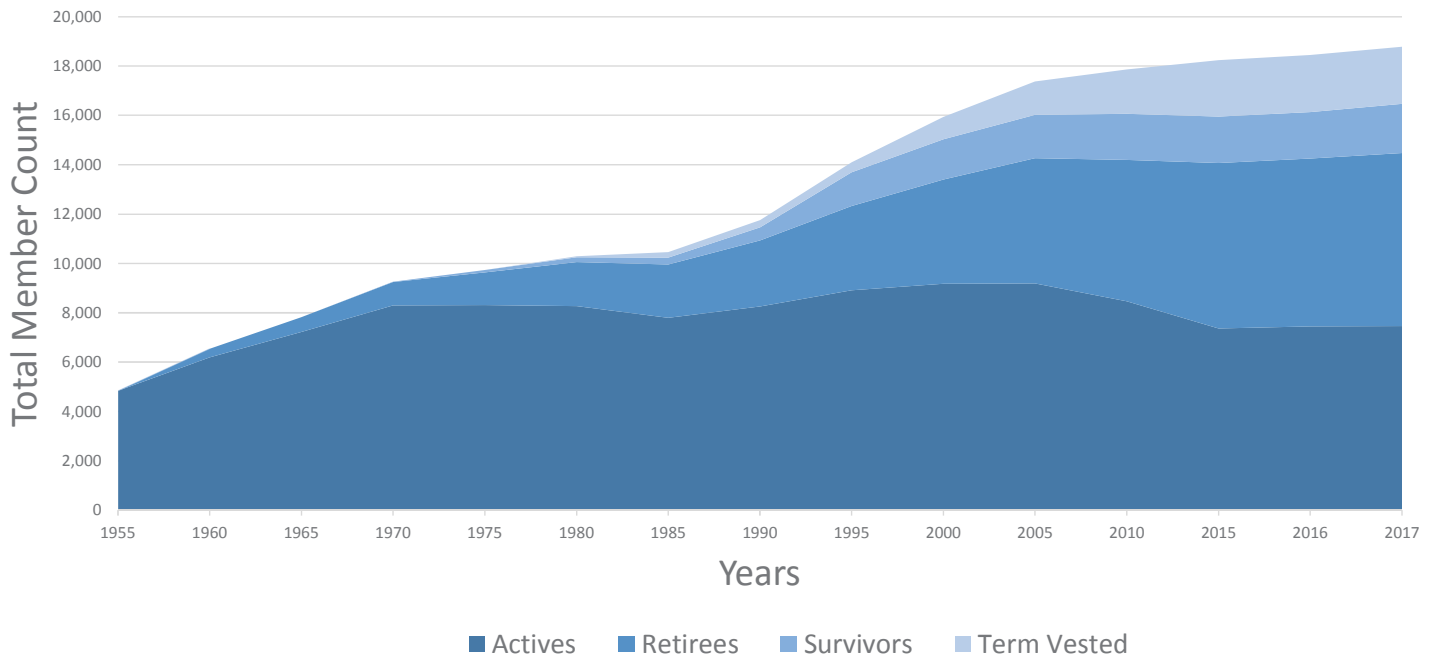
Prepared for the Board of Trustees

As of June 30, 2017

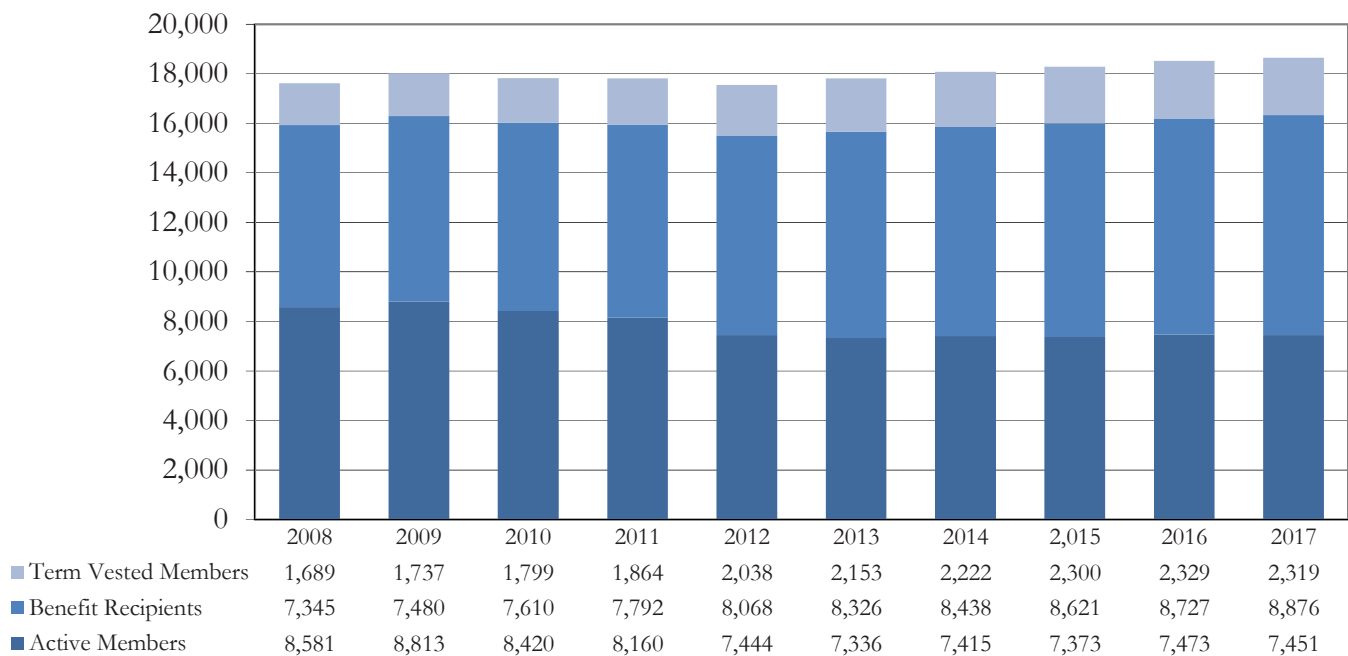


Membership Categories

MPERS Membership Since Inception



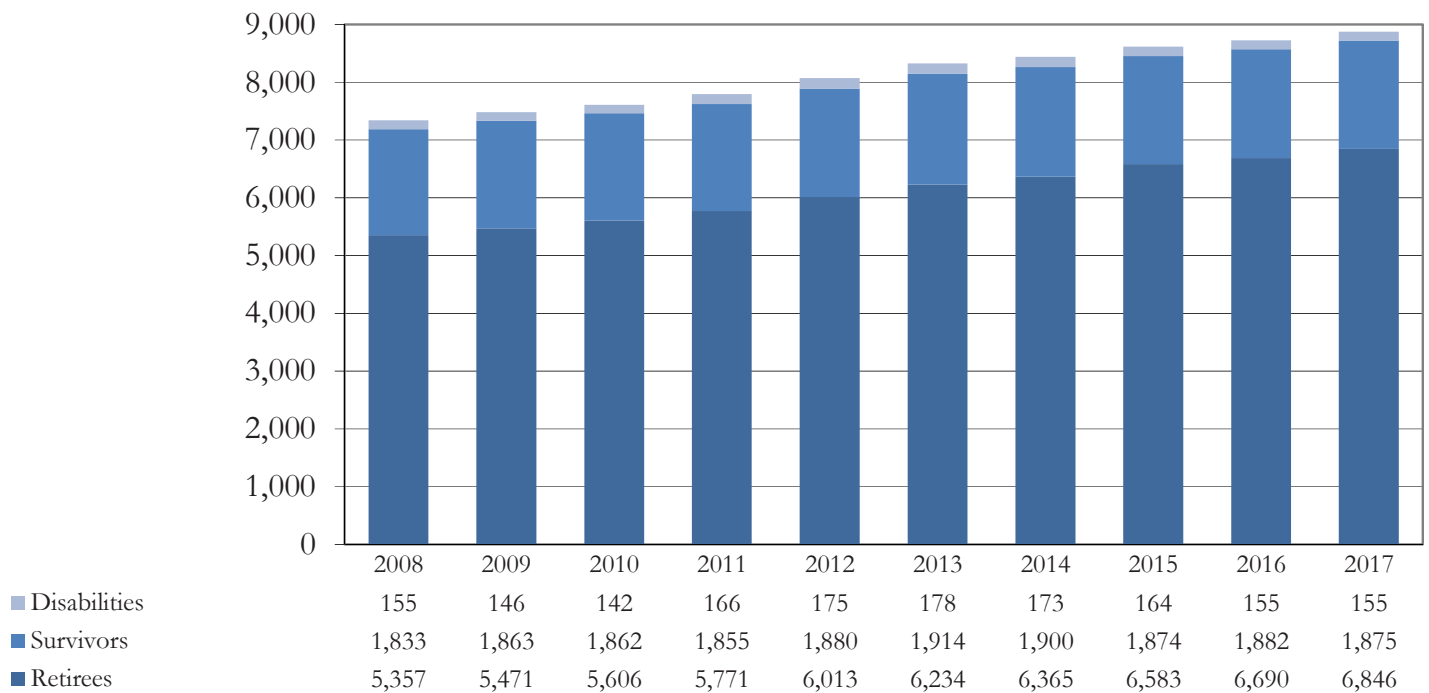
Membership Distribution (Last 10 Fiscal Years)



Note: Benefit recipients (8,876) are further detailed on the next page.

Benefit Recipients

Benefit Recipients (Last 10 Fiscal Years)



Note: For 2017 the total benefit recipient count is 8,876

Active Membership by Plan

Plan	Count	Percent of Total	Last Year's Percent of Total
Closed Plan - Civilian	2,054		
Closed Plan - Uniform	563		
Sub-total	<u>2,617</u>	35%	38%
Year 2000 Plan - Civilian	2,162		
Year 2000 Plan - Uniform	393		
Sub-total	<u>2,555</u>	34%	36%
2011 Tier - Civilian	1,975		
2011 Tier - Uniform	304		
Sub-total	<u>2,279</u>	31%	26%
Grand Total	<u><u>7,451</u></u>	<u><u>100%</u></u>	100%
Total Uniform	1,260	17%	
Total Civilian	6,191	83%	
Grand Total	<u><u>7,451</u></u>	<u><u>100%</u></u>	

Active Members Eligible to Retire

As of August 1, 2017

	MoDOT	Patrol	MPERS	Total
Already eligible to retire	517	201	2 (a)	720
Eligible within a year	162	81	0	242
Eligible within 5 years	732	317	1 (b)	1,050
Totals	1,411	599	3	2,013

(a) Lois and Greg

(b) Jennifer

Active Member Data

By Age

Age of Member	MoDOT	Civilian Patrol	Uniformed Patrol	MPERS	Total
< 21	16	2	0	0	18
21 - 25	299	57	84	0	440
26 - 30	394	98	199	1	692
31 - 35	511	132	164	2	809
36 - 40	645	136	170	2	953
41 - 45	698	137	225	4	1,064
46 - 50	874	182	251	4	1,311
51 - 55	816	182	141	2	1,141
56 - 60	598	122	26	1	747
61 - 65	185	58	0	0	243
66+	20	13	0	0	33
Totals	5,056	1,119	1,260	16	7,451

By Years of Service

Years of Service	MoDOT	Civilian Patrol	Uniformed Patrol	MPERS	Total
< 01	443	76	61	0	580
01 - 05	1,228	290	200	4	1,722
06 - 10	635	217	220	3	1,075
11 - 15	789	186	177	2	1,154
16 - 20	851	150	196	3	1,200
21 - 25	650	116	265	2	1,033
26 - 30	302	50	116	2	470
31 - 35	131	25	24	0	180
36 - 40	20	7	1	0	28
41 - 45	7	0	0	0	7
46+	0	2	0	0	2
Totals	5,056	1,119	1,260	16	7,451

Vested Former Member Data

By Age

Age of Member	MoDOT	Civilian Patrol	Uniformed Patrol	MPERS	Total
< 21	0	0	0	0	0
21 - 25	0	0	0	0	0
26 - 30	22	5	0	0	27
31 - 35	128	23	10	0	161
36 - 40	240	35	15	1	291
41 - 45	377	41	36	0	454
46 - 50	416	49	70	0	535
51 - 55	454	55	33	0	542
56 - 60	240	30	0	0	270
61 - 65	36	3	0	0	39
66+	0	0	0	0	0
Totals	1,913	241	164	1	2,319

By Years of Service

Years of Service	MoDOT	Civilian Patrol	Uniformed Patrol	MPERS	Total
< 01	0	0	0	0	0
01 - 05	272	44	27	0	343
06 - 10	977	118	97	1	1,193
11 - 15	428	57	29	0	514
16 - 20	183	18	11	0	212
21 - 25	51	4	0	0	55
26 - 30	2	0	0	0	2
Totals	1,913	241	164	1	2,319

Retiree Member Data as of September 8, 2017

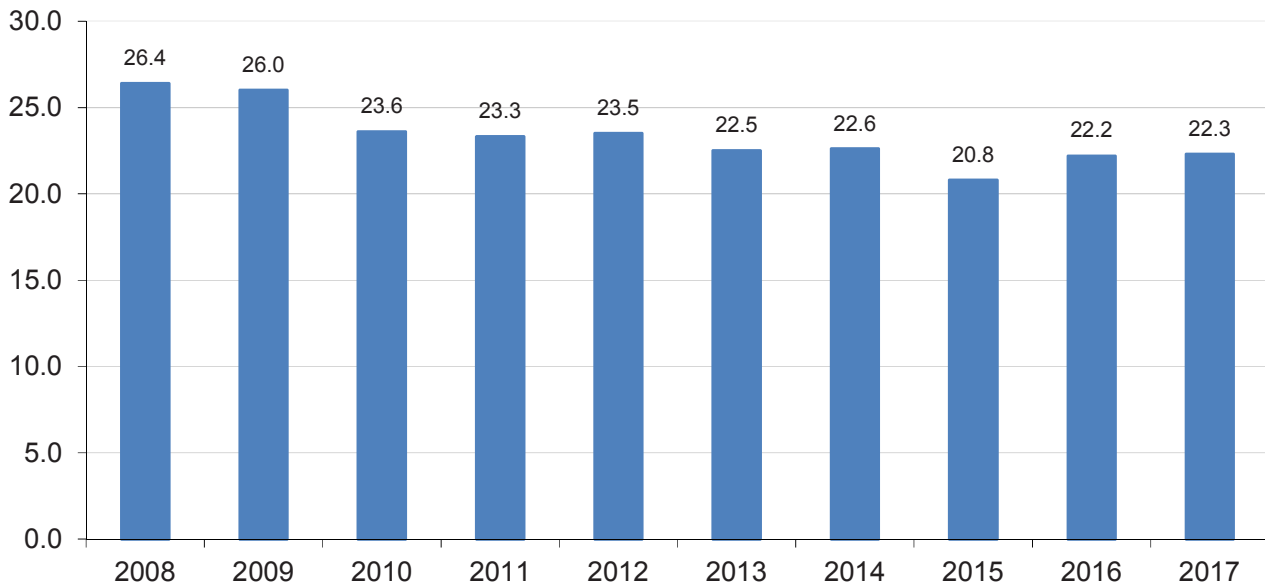
Ages of All Retirees

Age of Member	Total	MoDOT	Civilian Patrol	Uniformed Patrol	MPERS
48-50	2	2	0	0	0
51-54	122	98	14	10	0
55-60	1,018	776	118	120	4
61-64	1,047	778	145	122	2
65-70	1,733	1,299	271	162	1
71-74	939	679	135	123	2
75-80	961	735	108	118	0
81-84	489	384	52	53	0
85-90	393	319	45	28	1
91-95	86	75	4	7	0
95-100	22	17	2	3	0
100 +	2	2	0	0	0
Total	6,814	5,164	894	746	10

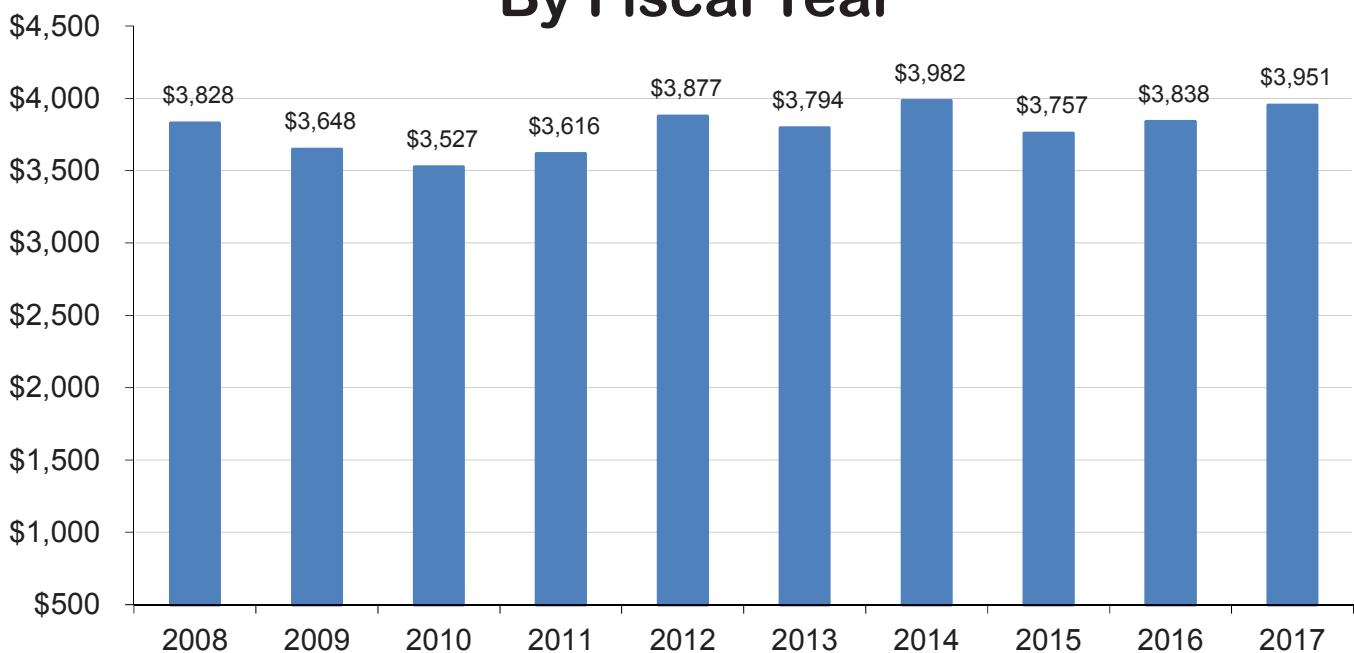
Total Years of Service for All Retirees

Years of Service	Total	MoDOT	Civilian Patrol	Uniformed Patrol	MPERS
01 - 05	104	79	21	3	1
06 - 10	413	318	82	13	0
11 - 15	572	441	105	26	0
16 - 20	528	432	83	12	1
21 - 25	887	731	132	23	1
26 - 30	1,781	1,344	204	231	2
31 - 35	1,506	996	181	325	4
36 - 40	759	579	71	109	0
41 - 45	241	221	15	4	1
46+	23	23	0	0	0
Total	6,814	5,164	894	746	10

Average Years of Service for New Retirees By Fiscal Year



Final Average Pay for New Retirees By Fiscal Year



Retiree and BackDROP Data

Retirees Actually Retiring Data

Total members retiring (from active status, disabled, term-vested, etc)
Monthly average of members eligible to retire that year

	FY 17		FY 16		FY 15		FY 14		FY 13	
	Total	Percent	Total	Percent	Total	Percent	Total	Percent	Total	Percent
	352	43%	299	37%	405	50%	306	39%	394	52%
	823		809		817		782		752	

BackDROP Data

Retirees that took a BackDROP
Retirees eligible to take a BackDROP

Retirees that took all cash in BackDROP (includes installments)
Retirees that took a combination of cash and rollover of BackDROP
Retirees that took all rollover of BackDROP
Total BackDROPS

	FY 17		FY 16		FY 15		FY 14		FY 13	
	Total	Percent	Total	Percent	Total	Percent	Total	Percent	Total	Percent
	140	92%	102	96%	143	89%	122	85%	141	94%
	153		106		160		143		150	
	12	8%	6	6%	15	10%	9	8%	13	9%
	25	18%	16	16%	25	18%	15	12%	22	16%
	103	74%	80	78%	103	72%	98	80%	106	75%
	140		102		143		122		141	

Retiree Status When Retiring Data

Fiscal Year	MoDOT				Patrol				Totals				Percents			
	Active	Vested	Disabled	Active	Vested	Disabled	Active	Disabled	Vested	Disabled	Total	Active	Vested	Disabled	Active	Disabled
FY 17	165	79	13	83	10	2	248	89	15	352	71%	25%	4%	71%	25%	4%
FY 16*	151	67	13	51	12	5	202	79	18	299	68%	26%	6%	68%	26%	6%
FY 15*	229	63	14	88	10	1	317	73	15	405	78%	18%	4%	78%	18%	4%
FY 14	165	38	10	73	19	1	238	57	11	306	78%	18%	4%	78%	18%	4%
FY 13	258	48	10	69	9	0	327	57	10	394	83%	14%	3%	83%	14%	3%

* (one active MPERS member placed under MoDOT active)

Benefit Payment Options Selected

Retiree Benefit Payment Options Selected

Benefit Payment Option Data(a)	FY 17			FY 16			FY 15			FY 14		
	MoDOT	Patrol	Percent	MoDOT	Patrol	Percent	MoDOT	Patrol	Percent	MoDOT	Patrol	Percent
Retirees Taking Life Income Annuity	94	23	33%	102	27	43%	109	36	36%	78	29	35%
Retirees Taking 50% Joint and Survivor	73	34	30%	48	15	21%	77	23	25%	56	29	28%
Retirees Taking 100% Survivor	85	38	36%	71	26	33%	108	39	35%	76	34	36%
Retirees Taking 60 Guaranteed Payments(b)	0	0	0%	1	0	0%	6	0	2%	0	0	0%
Retirees Taking 120 Guaranteed Payments	4	0	1%	8	0	3%	6	0	2%	3	1	1%
Retirees Taking 180 Guaranteed Payments	1	0	0%	1	0	0%	0	1	0%	0	0	0%
Sub-totals	257	95		231	68		306	99		213	93	
Total Retired	352			299			405			306		

(a) normal and early retirements combined

(b) option in Closed Plan only

Detailed Retiree Benefit Payment Options Selected for FY 17

Benefit Payment Option Data	MoDOT		Uniformed Patrol		Civilian Patrol	
	Closed	Year 2000	Closed	Year 2000	Closed	Year 2000
	(a)	(b)	(c)	(d)	(e)	(f)
Retirees Taking Life Income Annuity	20	74	4	0	5	14
Retirees Taking 50% Joint and Survivor	39	34	15	0	10	9
Retirees Taking 100% Survivor	35	50	19	0	13	6
Retirees Taking 60 Guaranteed Payments	0	n/a	0	n/a	0	n/a
Retirees Taking 120 Guaranteed Payments	1	3	0	0	0	0
Retirees Taking 180 Guaranteed Payments	n/a	1	n/a	0	n/a	0
Sub-totals	95	162	38	0	28	29
Total Retired	257		38		57	

(a) 15 early retirements (b) 32 early retirements (c) No early retirements (d) No early retirements (e) No early retirements (f) 7 early retirements

Location of Retirees - by State & Country

State	Retirees	State	Retirees	State	Retirees	Country	Retirees
MO	6,438	KY	6	AK	2	Australia	1
FL	54	OR	6	MI	2	Bolivia	1
KS	48	WA	6	MN	2	Great Britain	1
IL	38	AL	4	MT	2	India	1
AR	30	MS	4	ND	2	Ireland	1
TX	30	SD	4	NE	2		
OK	25	WI	4	NV	2		
AZ	24	IN	3	OH	2		
CO	19	LA	3	UT	2		
IA	17	NM	3	ID	1		
TN	16	PA	3	MA	1		
CA	9	SC	3	MD	1		
NC	8	VA	3	ME	1		
GA	7	WY	3	NJ	1		

