

PERAC

COMMONWEALTH OF MASSACHUSETTS | PUBLIC EMPLOYEE RETIREMENT ADMINISTRATION COMMISSION

PHILIP Y. BROWN, ESQ., *Chairman*

JOSEPH E. CONNARTON, *Executive Director*

Auditor SUZANNE M. BUMP | KATHLEEN M. FALLON | KATE FITZPATRICK | JAMES M. MACHADO | ROBERT B. MCCARTHY | JENNIFER F. SULLIVAN

MEMORANDUM

TO: Worcester Regional Retirement Board
FROM: Joseph E. Connarton, Executive Director
RE: Appropriation for Fiscal Year 2020
DATE: November 21, 2018

Required Fiscal Year 2020 Appropriation: **\$62,250,254**

This Commission is hereby furnishing you with the amount to be appropriated for your retirement system for Fiscal Year 2020 which commences July 1, 2019.

Attached please find summary information based on the present funding schedule for your system and the portion of the Fiscal Year 2020 appropriation to be paid by each of the governmental units within your system. The allocation by governmental unit was developed by KMS Actuaries as part of their January 1, 2018 actuarial valuation.

The current schedule is due to be updated by Fiscal Year 2021.

If you have any questions, please contact PERAC's Actuary, Jim Lamenzo, at (617) 666-4446 Extension 921.

JEC/jrl
Attachments

cc: Regional Advisory Council
c/o Retirement Board

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Worcester Regional Retirement Board

Projected Appropriations

Fiscal Year 2020 - July 1, 2019 to June 30, 2020

Aggregate amount of appropriation: **\$62,250,254**

Fiscal Year	Estimated Cost of Benefits	Funding Schedule (Excluding ERI)	ERI	Total Appropriation	Pension Fund Allocation	Pension Reserve Fund Allocation	Transfer From PRF to PF
FY 2020	\$73,913,528	\$60,465,055	\$1,785,199	\$62,250,254	\$62,250,254	\$0	\$11,663,274
FY 2021	\$78,504,454	\$66,578,879	\$1,865,274	\$68,444,153	\$68,444,153	\$0	\$10,060,301
FY 2022	\$83,395,421	\$73,305,396	\$1,948,952	\$75,254,348	\$75,254,348	\$0	\$8,141,073
FY 2023	\$88,606,037	\$80,711,529	\$2,030,626	\$82,742,155	\$82,742,155	\$0	\$5,863,882
FY 2024	\$94,157,194	\$88,852,996	\$2,122,004	\$90,975,000	\$90,975,000	\$0	\$3,182,194

The Total Appropriation column shown above is in accordance with your current funding schedule and the scheduled payment date(s) in that schedule. Whenever payments are made after the scheduled date(s), the total appropriation should be revised to reflect interest at the rate assumed in the most recent actuarial valuation. Payments should be made before the end of the fiscal year.

For illustration, we have shown the amount to be transferred from the Pension Reserve Fund to the Pension Fund to meet the estimated Cost of Benefits for each year. If there are sufficient assets in the Pension Fund to meet the Cost of Benefits, this transfer is optional.

SECTION 9 - MEMBER UNIT FY2020 APPROPRIATION

Unit	Unit Name	Normal Cost	UAL	2002 ERI	2003 ERI	2010 ERI	FYE2020	FYE2019	Increase over	Payment on
							Appropriation	Appropriation	FYE 2019	7/1/2019
010	Ashburnham	301,036	481,782	32,091	-	-	814,909	752,472	8.30%	799,982
020	Ashburnham-Westminster Regional	262,120	408,651	-	-	-	670,771	613,717	9.30%	658,485
025	Athol	403,674	1,407,416	-	-	-	1,811,090	1,354,103	33.75%	1,777,916
026	Athol Housing Authority	13,167	22,352	-	-	-	35,519	38,879	-8.64%	34,868
027	Athol-Royalston Regional School District	164,368	404,009	-	-	-	568,377	538,208	5.61%	557,966
030	Auburn	1,127,350	1,960,883	176,762	27,426	-	3,292,421	2,938,176	12.06%	3,232,114
040	Auburn Housing Authority	22,279	41,726	-	-	-	64,005	61,048	4.84%	62,833
050	Auburn Water District	27,894	60,640	5,260	-	-	93,794	96,976	-3.28%	92,076
060	Barre	136,848	187,218	5,788	2,315	-	332,169	298,599	11.24%	326,085
070	Barre Housing Authority	4,049	14,608	-	-	-	18,657	15,271	22.17%	18,315
080	Berlin	185,969	306,166	-	-	-	492,135	469,886	4.73%	483,121
090	Berlin-Boylston Regional	66,729	98,235	-	-	-	164,964	125,067	31.90%	161,942
100	Blackstone	315,211	540,608	-	-	-	855,819	747,271	14.53%	840,143
105	Blackstone Housing Authority	7,584	10,002	-	-	-	17,586	18,506	-4.97%	17,264
110	Blackstone-Millville Regional	196,321	340,019	-	-	-	536,340	498,924	7.50%	526,516
120	Bolton	169,398	294,091	17,362	-	-	480,851	418,645	14.86%	472,043
130	Boylston	296,942	362,836	13,153	-	-	672,931	616,424	9.17%	660,605
135	Boylston Water District	3,717	8,497	-	-	-	12,214	10,427	17.14%	11,990
140	Brookfield	103,491	178,266	8,768	-	-	290,525	275,263	5.54%	285,203
150	Charlton	516,181	818,892	44,893	-	-	1,379,966	1,186,966	16.26%	1,354,689
160	Cherry Valley-Rochdale Water	6,759	48,081	-	-	-	54,840	46,094	18.97%	53,835
165	Cherry Valley Sewer District	-	-	-	-	-	-	1,747	-100.00%	-
170	Douglas	476,996	606,930	12,624	12,109	-	1,108,659	1,016,758	9.04%	1,088,352
180	Dudley	242,253	500,994	134,150	8,014	-	885,411	817,916	8.25%	869,193
190	Dudley Housing Authority	2,680	13,072	-	-	-	15,752	14,002	12.50%	15,463
200	Dudley-Charlton Regional	340,004	643,625	41,208	17,987	-	1,042,824	945,837	10.25%	1,023,723
210	East Brookfield	72,684	84,738	-	-	-	157,422	140,354	12.16%	154,539
220	Grafton	666,022	1,189,977	40,507	17,452	-	1,913,958	1,709,441	11.96%	1,878,900
230	Grafton Housing Authority	12,967	37,971	-	-	-	50,938	50,350	1.17%	50,005
240	Hardwick	53,587	126,963	13,329	-	-	193,879	191,746	1.11%	190,328
250	Harvard	282,604	634,971	-	-	-	917,575	851,961	7.70%	900,768
260	Hillcrest Water District	211	3,358	-	-	-	3,569	2,890	23.49%	3,504

Worcester Regional Retirement System
Actuarial Valuation as of January 1, 2018

SECTION 9 - MEMBER UNIT FY2020 APPROPRIATION

Unit	Unit Name	Normal Cost	UAL	2002 ERI	2003 ERI	2010 ERI	FYE2020	FYE2019	Increase over	Payment on
							Appropriation	Appropriation	FYE 2019	7/1/2019
270	Holden	600,797	1,522,299	66,461	-	-	2,189,557	2,114,167	3.57%	2,149,451
280	Holden Housing Authority	15,922	17,387	-	-	-	33,309	28,888	15.30%	32,699
290	Hopedale	397,859	589,858	-	-	-	987,717	928,529	6.37%	969,625
300	Hopedale Housing Authority	-	4,991	-	-	-	4,991	5,000	-0.18%	4,900
310	Hubbardston	114,578	126,166	10,521	4,451	-	255,716	260,487	-1.83%	251,032
320	Lancaster	233,925	435,943	-	-	-	669,868	570,763	17.36%	657,598
325	Lancaster Housing Authority	5,642	10,091	-	-	-	15,733	14,766	6.55%	15,445
327	Lancaster Sewer	2,141	-	-	-	-	2,141	1,586	34.99%	2,102
330	Leicester	411,279	873,133	52,782	2,138	-	1,339,332	1,183,623	13.16%	1,314,800
340	Leicester Housing Authority	17,444	30,026	-	-	-	47,470	38,234	24.16%	46,600
350	Leicester Water District	3,993	43,588	-	-	-	47,581	50,335	-5.47%	46,709
360	Lunenburg	457,035	922,589	-	-	-	1,379,624	1,244,611	10.85%	1,354,353
370	Lunenburg Housing Authority	1,159	540	-	-	-	1,699	1,346	26.23%	1,668
380	Lunenburg Water District	127	57,844	-	-	-	57,971	49,960	16.03%	56,909
390	Mendon	244,370	389,168	8,417	22,616	-	664,571	579,367	14.71%	652,398
400	Mendon-Upton Regional	319,522	458,257	7,015	7,833	-	792,627	722,770	9.67%	778,108
410	Millbury	482,865	1,235,490	143,268	-	-	1,861,623	1,781,760	4.48%	1,827,524
420	Millbury Housing Authority	25,724	64,564	-	6,412	-	96,700	90,482	6.87%	94,929
430	Millville	132,421	49,216	-	-	-	181,637	156,998	15.69%	178,310
440	Narragansett Regional	133,785	248,487	24,726	-	-	406,998	377,383	7.85%	399,543
450	Nashoba Regional	416,230	642,990	-	-	-	1,059,220	997,428	6.20%	1,039,818
455	Nashoba Valley Dispatch	17,748	21,240	-	-	-	38,988	17,063	128.49%	38,274
460	New Braintree	16,432	41,239	-	-	-	57,671	50,451	14.31%	56,615
470	Northboro	660,563	1,497,870	-	-	-	2,158,433	1,922,020	12.30%	2,118,897
480	Northboro Housing Authority	22,607	45,240	-	-	-	67,847	62,318	8.87%	66,604
490	Northboro-Southboro Regional	170,547	232,474	-	-	-	403,021	360,254	11.87%	395,639
500	North Brookfield	200,697	310,635	-	14,424	-	525,756	432,112	21.67%	516,126
510	North Brookfield Housing Authority	2,009	14,504	-	-	-	16,513	18,244	-9.49%	16,211
530	Oakham	24,766	47,493	-	-	-	72,259	65,335	10.60%	70,935
540	Oxford	618,997	1,247,607	136,956	15,492	-	2,019,052	1,908,579	5.79%	1,982,069
550	Oxford Housing Authority	27,009	48,739	-	-	-	75,748	57,696	31.29%	74,361
555	Oxford-Rochdale Sewer District	10,172	24,439	-	-	-	34,611	30,017	15.30%	33,977

Worcester Regional Retirement System
Actuarial Valuation as of January 1, 2018

SECTION 9 - MEMBER UNIT FY2020 APPROPRIATION

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							Appropriation	Appropriation	FYE 2019	7/1/2019
560	Paxton	367,331	413,080	-	-	-	780,411	666,530	17.09%	766,116
570	Petersham	58,649	97,496	-	2,315	-	158,460	151,368	4.69%	155,557
580	Phillipston	64,136	74,852	-	-	-	138,988	123,033	12.97%	136,442
590	Princeton	70,755	291,768	8,417	-	-	370,940	360,593	2.87%	364,146
600	Quabbin Regional	298,747	675,859	53,308	7,833	-	1,035,747	961,940	7.67%	1,016,775
610	Quaboag Regional	125,328	215,333	30,862	-	-	371,523	336,612	10.37%	364,718
620	Royalston	15,512	41,141	-	-	-	56,653	52,449	8.02%	55,615
630	Rutland	232,759	392,195	6,315	-	-	631,269	569,877	10.77%	619,706
640	Southboro	678,627	1,316,755	-	-	-	1,995,382	1,810,251	10.23%	1,958,833
650	Southboro Housing	4,453	336	11,047	-	-	15,836	14,698	7.74%	15,546
660	Spencer	296,411	601,852	-	-	-	898,263	856,334	4.90%	881,810
670	Spencer-East Brookfield Regional	211,469	366,283	23,848	4,094	-	605,694	576,493	5.07%	594,600
680	Spencer Housing Authority	10,400	35,711	-	-	-	46,111	39,634	16.34%	45,266
690	Sterling	418,826	673,047	-	14,067	-	1,105,940	947,023	16.78%	1,085,683
700	Sterling Housing Authority	-	5,447	-	-	-	5,447	8,849	-38.45%	5,347
710	Sturbridge	574,196	758,343	-	64,110	-	1,396,649	1,299,478	7.48%	1,371,067
720	Sutton	392,650	813,975	-	-	-	1,206,625	1,086,678	11.04%	1,184,523
730	Tantasqua Regional	291,395	430,059	-	-	-	721,454	639,738	12.77%	708,239
740	Templeton	228,808	562,380	21,569	-	-	812,757	751,302	8.18%	797,870
750	Templeton Housing Authority	6,252	15,374	21,392	-	-	43,018	40,190	7.04%	42,230
760	Upton	216,932	423,437	-	-	-	640,369	574,668	11.43%	628,639
770	Uxbridge	540,501	1,267,413	74,351	-	-	1,882,265	1,762,014	6.82%	1,847,788
780	Uxbridge Housing Authority	13,017	40,468	-	-	-	53,485	47,624	12.31%	52,505
790	Wachusett Regional	785,182	1,089,686	56,992	-	-	1,931,860	1,860,026	3.86%	1,896,474
800	Warren	110,651	204,833	52,958	-	5,769	374,211	365,564	2.37%	367,357
810	Warren Water District	7,850	10,256	-	-	-	18,106	15,628	15.86%	17,774
820	Westboro	1,273,403	2,817,790	-	35,615	-	4,126,808	3,820,303	8.02%	4,051,220
825	Westboro Housing Authority	15,063	26,544	5,083	-	-	46,690	36,891	26.56%	45,835
830	West Boylston	523,121	746,207	60,325	-	-	1,329,653	1,179,791	12.70%	1,305,298
835	West Boylston Housing Authority	-	5,445	-	-	-	5,445	10,385	-47.57%	5,345
840	West Boylston Water District	13,774	52,873	-	-	-	66,647	51,850	28.54%	65,426
850	West Brookfield	121,118	171,962	-	-	-	293,080	258,800	13.25%	287,712

Worcester Regional Retirement System
Actuarial Valuation as of January 1, 2018

SECTION 9 - MEMBER UNIT FY2020 APPROPRIATION

Unit	Unit Name	Normal Cost	UAL	2002 ERI	2003 ERI	2010 ERI	FYE2020 Appropriation	FYE2019 Appropriation	Increase over FYE 2019	Payment on 7/1/2019
860	Westminster	267,306	610,819	-	4,986	-	883,111	827,175	6.76%	866,935
870	Winchendon	481,808	1,026,988	60,499	-	-	1,569,295	1,433,892	9.44%	1,540,550
880	Winchendon Housing Authority	38,345	73,129	4,734	-	-	116,208	92,698	25.36%	114,079
Total		21,024,235	39,440,820	1,487,741	291,689	5,769	62,250,254	56,616,875	9.95%	61,110,021

Worcester Regional Retirement System
Actuarial Valuation as of January 1, 2018