



FINANCIAL REPORT OF INVESTMENTS

May 31, 2023

PREPARED BY:

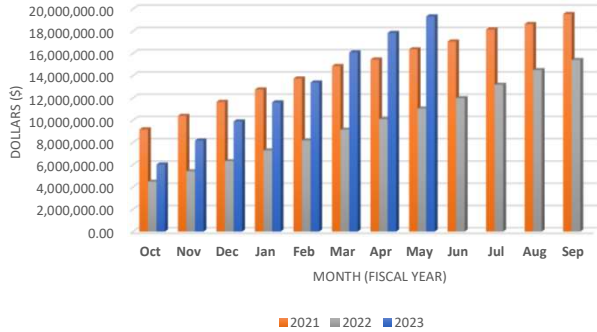
ROBERT WITTENBERG, COUNTY TREASURER

Robert Wittenberg, Oakland County Treasurer

Investment Report Summary

Investment Portfolio

INTEREST EARNED



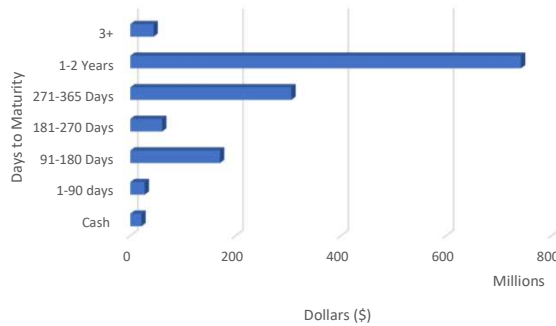
Type

Current Original Cost

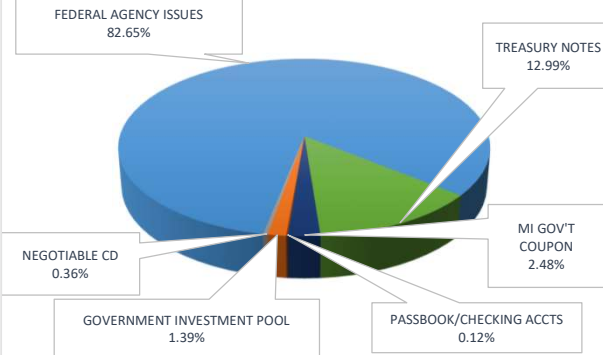
Federal Agency Issues - Coupon	1,133,004,171.95
Governmental Investment Pool	19,051,057.52
MI Gov't Coupon	34,000,000.00
Negotiable CDs	4,995,000.00
Passbook/Checking Accounts	1,707,359.01
Treasury Notes	178,104,107.81
GRAND TOTALS:	1,370,861,696.29

Diversification

Diversification by Maturity Date

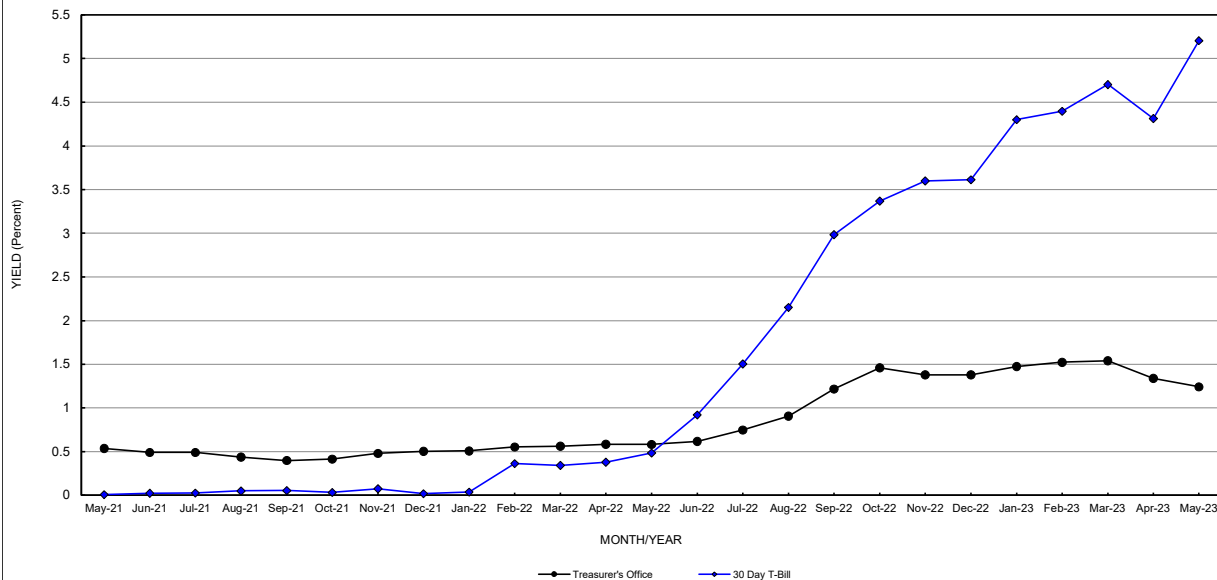


Diversification by Investment Type



Yield

Robert Wittenberg, Oakland County Treasurer Investment Pool Yield Comparisons





Oakland County Treasurer
GASB 40 Credit & Interest Rate Risk
Sorted by InvestmentType
Through 05/31/2023

Security ID	Investment #	Issuer	Par Value	Book Value	Market Value	Reported Value	Moody's	S&P	% of Portfolio	Current Yield	Days to Maturity	Maturity Date	Modified Duration
Governmental Investment Pool													
MI 01 0047 0003	111745	MI Class	19,051,057.52	19,051,057.52	19,051,057.52	19,051,057.52			1.45	5.040	1		0.000
		Subtotal	19,051,057.52	19,051,057.52	19,051,057.52	19,051,057.52			1.45	5.040	1		0.000
Negotiable CDs													
32110YVG7	127339	First Natl Bk of America	5,000,000.00	4,995,000.00	4,970,196.00	4,995,000.00	P-1	A-1	0.38	1.637	235	01/22/2024	0.637
		Subtotal	5,000,000.00	4,995,000.00	4,970,196.00	4,995,000.00			0.38	1.637	235		0.637
Federal Agency Issues - Coupon													
3130ASFU8	127354	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,956,818.00	10,000,000.00	Aaa	AAA	0.76	5.522	57	07/28/2023	0.407
3135G05T6	127198	Fannie Mae	9,435,000.00	9,462,927.60	9,329,778.99	9,329,778.99			0.71	2.610	78	08/18/2023	0.213
3135G05U3	127282	Fannie Mae	7,750,000.00	7,746,590.00	7,670,833.75	7,670,833.75			0.58	5.217	78	08/18/2023	0.312
3133EEG79	127342	Federal Farm Credit Bank	4,000,000.00	4,046,000.00	3,965,984.00	3,965,984.00			0.30	3.884	98	09/07/2023	0.268
3137EAEW5	127306	Freddie Mac Coupon	3,913,000.00	3,904,587.05	3,860,638.97	3,860,638.97			0.29	5.319	99	09/08/2023	0.395
3133EMAM4	127277	Federal Farm Credit Bank	5,000,000.00	4,995,050.00	4,922,092.50	4,922,092.50			0.37	5.463	112	09/21/2023	0.447
3130ATD38	127411	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,953,740.00	10,000,000.00	Aaa	AAA	0.76	4.948	119	09/28/2023	0.326
3130ASFT1	127355	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,919,615.00	10,000,000.00	Aaa	AAA	0.76	5.443	119	09/28/2023	0.312
3133ENAU4	127278	Federal Farm Credit Bank	10,000,000.00	9,994,000.00	9,814,523.00	9,814,523.00			0.75	4.055	133	10/12/2023	0.364
3137EAEY1	127311	Freddie Mac Coupon	5,000,000.00	4,965,900.00	4,905,500.00	4,905,500.00			0.37	5.282	137	10/16/2023	0.549
3133ENBN9	127288	Federal Farm Credit Bank	15,000,000.00	14,988,000.00	14,709,751.50	14,709,751.50			1.12	4.293	141	10/20/2023	0.386
3136G46A6	127091	Fannie Mae	10,000,000.00	10,000,000.00	9,795,353.00	9,795,353.00			0.75	4.485	148	10/27/2023	0.405
3133EMFB3	127096	Federal Farm Credit Bank	5,000,000.00	4,997,500.00	4,892,068.00	4,892,068.00			0.37	4.709	154	11/02/2023	0.421
3134GW6E1	127408	Freddie Mac Coupon	7,000,000.00	6,709,500.00	6,855,762.20	6,855,762.20	Aaa	AA	0.52	5.354	154	11/02/2023	0.615
3134GW6E1	127095	Freddie Mac Coupon	10,000,000.00	10,000,000.00	9,793,946.00	9,793,946.00	Aaa	AA	0.75	5.354	154	11/02/2023	0.615
31422XPP1	127304	Farmer Mac Coupon	5,000,000.00	5,000,000.00	4,897,352.50	4,897,352.50			0.37	4.753	154	11/02/2023	0.421
31422XPP1	127302	Farmer Mac Coupon	10,000,000.00	10,000,000.00	9,794,705.00	9,794,705.00			0.75	4.753	154	11/02/2023	0.421
31422B2K5	127097	Farmer Mac Coupon	4,000,000.00	4,000,000.00	3,912,114.00	3,912,114.00			0.30	4.820	158	11/06/2023	0.432
3133ENDR8	127312	Federal Farm Credit Bank	5,000,000.00	4,991,000.00	4,893,721.00	4,893,721.00			0.37	4.752	161	11/09/2023	0.441
3134GXAY0	127098	Freddie Mac Coupon	5,000,000.00	5,000,000.00	4,888,980.00	4,888,980.00	Aaa	AA	0.37	4.848	165	11/13/2023	0.452
31422B3E8	127101	Farmer Mac Coupon	2,350,000.00	2,348,825.00	2,293,995.74	2,293,995.74			0.18	5.200	172	11/20/2023	0.471
31422B3E8	127236	Farmer Mac Coupon	4,000,000.00	4,000,000.00	3,904,673.60	3,904,673.60			0.30	5.200	172	11/20/2023	0.471

Oakland County Treasurer
GASB 40 Credit & Interest Rate Risk
Sorted by InvestmentType
Through 05/31/2023

Security ID	Investment #	Issuer	Par Value	Book Value	Market Value	Reported Value	Moody's	S&P	% of Portfolio	Current Yield	Days to Maturity	Maturity Date	Modified Duration
Federal Agency Issues - Coupon													
3134GXCA0	127102	Freddie Mac Coupon	5,000,000.00	5,000,000.00	4,878,153.50	4,878,153.50			0.37	5.324	176	11/24/2023	0.482
31422XQD7	127320	Farmer Mac Coupon	5,000,000.00	5,000,000.00	4,882,412.50	4,882,412.50	Aaa	AAA	0.37	5.411	181	11/29/2023	0.495
3137EAF A2	127305	Freddie Mac Coupon	4,025,000.00	4,009,906.25	3,919,377.96	3,919,377.96			0.30	5.557	186	12/04/2023	0.493
3130ASFS3	127356	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,864,132.00	10,000,000.00	Aaa	AAA	0.76	5.487	210	12/28/2023	0.552
31422XJA1	127206	Farmer Mac Coupon	6,000,000.00	6,000,000.00	5,826,037.20	5,826,037.20	Aaa	AAA	0.44	5.423	215	01/02/2024	0.570
3130AM3C4	127168	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,673,253.00	9,673,253.00			0.74	5.450	242	01/29/2024	0.642
3133ENNE6	127343	Federal Farm Credit Bank	5,000,000.00	4,965,000.00	4,857,056.50	4,857,056.50			0.37	5.519	253	02/09/2024	0.667
3133EMSD5	127126	Federal Farm Credit Bank	10,000,000.00	9,990,000.00	9,617,400.00	9,617,400.00			0.73	5.529	274	03/01/2024	0.729
31422XCD2	127131	Farmer Mac Coupon	10,000,000.00	10,000,000.00	9,619,325.00	9,619,325.00			0.73	5.522	281	03/08/2024	0.747
3130ALJ70	127134	Federal Home Loan Bank	20,000,000.00	20,000,000.00	19,229,446.00	19,229,446.00			1.46	5.511	285	03/12/2024	0.758
3133EMTD4	127135	Federal Farm Credit Bank	5,000,000.00	5,000,000.00	4,804,497.50	4,804,497.50			0.37	5.503	288	03/15/2024	0.766
3130ALKS2	127136	Federal Home Loan Bank	10,000,000.00	9,990,000.00	9,609,375.00	9,609,375.00			0.73	5.503	288	03/15/2024	0.766
31422XUA8	127344	Farmer Mac Coupon	5,000,000.00	5,000,000.00	4,838,503.00	4,838,503.00			0.37	5.492	295	03/22/2024	0.782
3130ALU77	127147	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,592,779.00	9,592,779.00			0.73	5.466	301	03/28/2024	0.802
3130ALLM4	127144	Federal Home Loan Bank	5,000,000.00	5,000,000.00	4,796,389.50	4,796,389.50			0.37	5.466	301	03/28/2024	0.802
3134GXYZ1	127423	Freddie Mac Coupon	10,000,000.00	10,000,000.00	9,805,840.00	10,000,000.00	Aaa	AA	0.76	5.428	301	03/28/2024	0.800
3134GXYZ1	127415	Freddie Mac Coupon	10,000,000.00	10,000,000.00	9,805,840.00	10,000,000.00	Aaa	AA	0.76	5.428	301	03/28/2024	0.800
31422XNR9	127274	Farmer Mac Coupon	5,000,000.00	5,000,000.00	4,803,778.50	4,803,778.50			0.37	5.269	308	04/04/2024	0.818
3130ALTJ3	127155	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,579,590.00	9,579,590.00			0.73	5.489	312	04/08/2024	0.828
3130ALTJ3	127154	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,579,590.00	9,579,590.00			0.73	5.489	312	04/08/2024	0.828
3130ALRH9	127156	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,577,651.00	9,577,651.00			0.73	5.473	316	04/12/2024	0.839
3130ALWE0	127157	Federal Home Loan Bank	15,000,000.00	15,000,000.00	14,361,630.00	14,361,630.00			1.09	5.463	319	04/15/2024	0.848
3133EMXB3	127166	Federal Farm Credit Bank	10,000,000.00	10,000,000.00	9,561,743.00	9,561,743.00	Aaa	AA	0.73	5.442	326	04/22/2024	0.866
3130ALXB5	127165	Federal Home Loan Bank	15,000,000.00	15,000,000.00	14,356,761.00	14,356,761.00	Aaa	AA	1.09	5.443	326	04/22/2024	0.866
3130AM3D2	127169	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,558,199.00	9,558,199.00			0.73	5.436	333	04/29/2024	0.886
3130ALXQ2	127167	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,566,958.00	9,566,958.00	Aaa	AA	0.73	5.436	333	04/29/2024	0.885
3130AM5Q1	127170	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,561,703.00	9,561,703.00	Aaa	AA	0.73	5.436	333	04/29/2024	0.885
3133ENCV0	127303	Federal Farm Credit Bank	10,000,000.00	9,995,000.00	9,574,645.00	9,574,645.00	Aaa	AA	0.73	5.477	336	05/02/2024	0.893
31422XEG3	127175	Farmer Mac Coupon	6,000,000.00	6,000,000.00	5,743,667.40	5,743,667.40	Aaa	AA	0.44	5.205	337	05/03/2024	0.898
3133EMYR7	127178	Federal Farm Credit Bank	10,000,000.00	10,000,000.00	9,543,941.00	9,543,941.00	Aaa	AA	0.73	5.469	340	05/06/2024	0.904
3130AM5C2	127177	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,547,964.00	9,547,964.00	Aaa	AA	0.73	5.469	340	05/06/2024	0.904
31422XGD8	127180	Farmer Mac Coupon	10,000,000.00	10,000,000.00	9,542,332.00	9,542,332.00	Aaa	AAA	0.73	5.467	341	05/07/2024	0.907
31422XPQ9	127307	Farmer Mac Coupon	10,000,000.00	10,000,000.00	9,596,175.00	9,596,175.00	Aaa	AA	0.73	5.196	342	05/08/2024	0.910
3130AM6N7	127181	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,539,694.00	9,539,694.00	Aaa	AA	0.73	5.457	344	05/10/2024	0.915

Portfolio OAK
CP

Run Date: 06/14/2023 - 13:23

Oakland County Treasurer
GASB 40 Credit & Interest Rate Risk
Sorted by InvestmentType
Through 05/31/2023

Security ID	Investment #	Issuer	Par Value	Book Value	Market Value	Reported Value	Moody's S&P	% of Portfolio	Current Yield	Days to Maturity	Maturity Date	Modified Duration
Federal Agency Issues - Coupon												
3130AMBZ4	127183	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,533,001.00	9,533,001.00	Aaa AA	0.73	5.443	351	05/17/2024	0.935
3130AMBW1	127186	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,532,348.00	9,532,348.00	Aaa AA	0.73	5.438	354	05/20/2024	0.942
3130AMDM1	127187	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,528,729.00	9,528,729.00	Aaa AA	0.73	5.430	358	05/24/2024	0.953
31422XGP1	127188	Farmer Mac Coupon	5,000,000.00	5,000,000.00	4,771,617.00	4,771,617.00	Aaa AA	0.36	5.160	360	05/26/2024	0.960
31422XQC9	127321	Farmer Mac Coupon	5,000,000.00	5,000,000.00	4,790,566.50	4,790,566.50	Aaa AA	0.36	5.155	363	05/29/2024	0.967
3130AMQR6	127193	Federal Home Loan Bank	7,555,000.00	7,555,000.00	7,178,628.79	7,178,628.79	Aaa AA	0.55	5.454	372	06/07/2024	0.986
3130AMJ52	127197	Federal Home Loan Bank	5,000,000.00	5,000,000.00	4,751,322.00	4,751,322.00	Aaa AA	0.36	5.455	375	06/10/2024	0.994
3130AMND0	127200	Federal Home Loan Bank	5,000,000.00	5,000,000.00	4,748,820.50	4,748,820.50	Aaa AA	0.36	5.443	382	06/17/2024	1.013
31422XHZ8	127202	Farmer Mac Coupon	5,000,000.00	5,000,000.00	4,743,819.50	4,743,819.50	Aaa AA	0.36	5.421	393	06/28/2024	1.043
31422XJB9	127201	Farmer Mac Coupon	5,000,000.00	5,000,000.00	4,761,940.50	4,761,940.50	Aaa AA	0.36	5.108	393	06/28/2024	1.044
3133ELQ56	127310	Federal Farm Credit Bank	10,000,000.00	9,984,000.00	9,496,648.00	9,496,648.00	Aaa AA	0.72	5.405	397	07/02/2024	1.053
3133EMT51	127237	Federal Farm Credit Bank	5,000,000.00	5,000,000.00	4,731,267.50	4,731,267.50	Aaa AA	0.36	5.372	414	07/19/2024	1.100
3133EMT51	127214	Federal Farm Credit Bank	10,000,000.00	9,990,000.00	9,462,535.00	9,462,535.00	Aaa AA	0.72	5.372	414	07/19/2024	1.100
3133EMV25	127220	Federal Farm Credit Bank	5,000,000.00	5,011,000.00	4,740,413.00	4,740,413.00	Aaa AA	0.36	5.181	418	07/23/2024	1.111
3134GXD68	127368	Freddie Mac Coupon	5,000,000.00	5,000,000.00	4,919,282.00	5,000,000.00	Aaa AA	0.38	5.469	421	07/26/2024	1.093
3133EM2U5	127234	Federal Farm Credit Bank	5,794,000.00	5,794,000.00	5,462,046.68	5,462,046.68	Aaa AA	0.42	5.389	445	08/19/2024	1.181
3133EM2U5	127226	Federal Farm Credit Bank	25,000,000.00	24,987,500.00	23,567,685.00	23,567,685.00	Aaa AA	1.79	5.389	445	08/19/2024	1.181
3133EM2X9	127227	Federal Farm Credit Bank	5,000,000.00	5,000,000.00	4,713,537.00	4,713,537.00	Aaa AA	0.36	5.389	445	08/19/2024	1.181
3130AMDT6	127185	Federal Home Loan Bank	5,000,000.00	5,000,000.00	4,714,473.50	4,714,473.50	Aaa AA	0.36	5.388	445	08/19/2024	1.182
3130AMCN0	127189	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,424,409.00	9,424,409.00	Aaa AA	0.72	5.376	452	08/26/2024	1.201
3133ENQC7	127346	Federal Farm Credit Bank	10,000,000.00	10,000,000.00	9,585,738.00	9,585,738.00		0.73	5.399	460	09/03/2024	1.207
3133EL5S9	127233	Federal Farm Credit Bank	15,000,000.00	15,000,000.00	14,117,002.50	14,117,002.50	Aaa AA	1.07	5.393	460	09/03/2024	1.218
31422XMH2	127232	Farmer Mac Coupon	5,000,000.00	5,000,000.00	4,723,408.00	4,723,408.00	Aaa AA	0.36	5.001	460	09/03/2024	1.221
31422XMH2	127231	Farmer Mac Coupon	5,000,000.00	5,000,000.00	4,723,408.00	4,723,408.00	Aaa AA	0.36	5.001	460	09/03/2024	1.221
3133EM4K5	127238	Federal Farm Credit Bank	7,725,000.00	7,725,000.00	7,261,602.74	7,261,602.74	Aaa AA	0.55	5.382	466	09/09/2024	1.235
3130ANVA5	127239	Federal Home Loan Bank	5,925,000.00	5,925,000.00	5,573,257.04	5,573,257.04	Aaa AA	0.42	5.381	467	09/10/2024	1.238
3133ENL40	127394	Federal Farm Credit Bank	13,135,000.00	13,053,957.05	12,898,857.66	13,053,957.05	Aaa AAA	0.99	4.967	470	09/13/2024	1.227
3130ANU65	127240	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,401,109.00	9,401,109.00	Aaa AA	0.72	5.372	470	09/13/2024	1.246
880591ER9	127221	Tenn Valley Authority	2,598,000.00	2,794,798.50	2,525,014.39	2,525,014.39	Aaa AA	0.19	5.159	472	09/15/2024	1.235
31422XG89	127407	Farmer Mac Coupon	10,000,000.00	10,000,000.00	9,871,544.00	10,000,000.00	Aaa AAA	0.76	4.985	477	09/20/2024	1.242
3133EM5X6	127257	Federal Farm Credit Bank	6,000,000.00	6,000,000.00	5,670,049.80	5,670,049.80	Aaa AA	0.43	4.809	480	09/23/2024	1.276
31422XMJ8	127261	Farmer Mac Coupon	15,000,000.00	15,000,000.00	14,089,264.50	14,089,264.50	Aaa AA	1.07	5.347	481	09/24/2024	1.275
3134GX2N3	127418	Freddie Mac Coupon	9,266,000.00	9,247,468.00	9,096,250.59	9,247,468.00	Aaa AA	0.70	5.460	484	09/27/2024	1.258
31422XMU3	127264	Farmer Mac Coupon	10,000,000.00	10,000,000.00	9,436,079.00	9,436,079.00	Aaa AA	0.72	4.918	484	09/27/2024	1.286

Portfolio OAK
CP

Run Date: 06/14/2023 - 13:23

Oakland County Treasurer
GASB 40 Credit & Interest Rate Risk
Sorted by InvestmentType
Through 05/31/2023

Security ID	Investment #	Issuer	Par Value	Book Value	Market Value	Reported Value	Moody's S&P	% of Portfolio	Current Yield	Days to Maturity	Maturity Date	Modified Duration
Federal Agency Issues - Coupon												
31422XNQ1	127275	Farmer Mac Coupon	5,000,000.00	5,000,000.00	4,721,275.50	4,721,275.50	Aaa AA	0.36	4.904	491	10/04/2024	1.305
31422XMV1	127273	Farmer Mac Coupon	15,000,000.00	15,000,000.00	14,071,432.50	14,071,432.50	Aaa AA	1.07	5.343	491	10/04/2024	1.302
3130APAH8	127281	Federal Home Loan Bank	15,000,000.00	15,000,000.00	14,064,849.00	14,064,849.00	Aaa AA	1.07	5.322	502	10/15/2024	1.332
3130ALWM2	127158	Federal Home Loan Bank	5,000,000.00	5,000,000.00	4,691,540.50	4,691,540.50	Aaa AA	0.36	5.322	502	10/15/2024	1.332
31422XNT5	127283	Farmer Mac Coupon	5,000,000.00	5,000,000.00	4,711,250.00	4,711,250.00	Aaa AA	0.36	4.877	505	10/18/2024	1.343
3133ENBM1	127289	Federal Farm Credit Bank	10,000,000.00	9,972,500.00	9,381,128.00	9,381,128.00	Aaa AA	0.71	5.312	508	10/21/2024	1.347
3133ENBM1	127290	Federal Farm Credit Bank	15,000,000.00	14,985,937.50	14,071,692.00	14,071,692.00	Aaa AA	1.07	5.312	508	10/21/2024	1.347
3130APCW3	127291	Federal Home Loan Bank	5,000,000.00	5,000,000.00	4,707,261.50	4,707,261.50	Aaa AA	0.36	5.174	508	10/21/2024	1.347
3130APBN4	127292	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,380,469.00	9,380,469.00	Aaa AA	0.71	5.312	508	10/21/2024	1.348
3130APJT3	127300	Federal Home Loan Bank	7,000,000.00	7,000,000.00	6,613,572.70	6,613,572.70	Aaa AA	0.50	5.113	515	10/28/2024	1.365
3130APF59	127301	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,426,677.00	9,426,677.00	Aaa AA	0.72	4.862	515	10/28/2024	1.369
3130APK79	127298	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,383,648.00	9,383,648.00	Aaa AA	0.71	5.300	515	10/28/2024	1.366
3130APF59	127297	Federal Home Loan Bank	5,000,000.00	5,000,000.00	4,713,338.50	4,713,338.50	Aaa AA	0.36	4.862	515	10/28/2024	1.369
3130APJ22	127296	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,378,300.00	9,378,300.00	Aaa AA	0.71	5.300	515	10/28/2024	1.367
31422XPC0	127299	Farmer Mac Coupon	6,000,000.00	6,000,000.00	5,669,223.00	5,669,223.00	Aaa AA	0.43	4.858	515	10/28/2024	1.369
3130AM2N1	127172	Federal Home Loan Bank	5,000,000.00	5,000,000.00	4,703,469.00	4,703,469.00	Aaa AA	0.36	5.162	516	10/29/2024	1.370
3130APLV5	127309	Federal Home Loan Bank	5,000,000.00	5,000,000.00	4,727,954.50	4,727,954.50	Aaa AA	0.36	5.103	526	11/08/2024	1.391
3130APLF0	127308	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,381,847.00	9,381,847.00	Aaa AA	0.71	5.318	526	11/08/2024	1.392
3133ENDU1	127314	Federal Farm Credit Bank	5,000,000.00	4,997,500.00	4,684,054.50	4,684,054.50	Aaa AA	0.36	5.309	533	11/15/2024	1.412
3130APNB7	127316	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,387,532.00	9,387,532.00	Aaa AA	0.71	5.304	536	11/18/2024	1.418
3130APMP7	127315	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,376,430.00	9,376,430.00	Aaa AA	0.71	5.304	536	11/18/2024	1.419
3130APQ73	127318	Federal Home Loan Bank	5,000,000.00	5,000,000.00	4,698,985.50	4,698,985.50	Aaa AA	0.36	5.297	540	11/22/2024	1.429
3133ENKQ2	127330	Federal Farm Credit Bank	5,000,000.00	5,000,000.00	4,680,032.00	4,680,032.00	Aaa AA	0.36	5.251	592	01/13/2025	1.558
31422XSU7	127333	Farmer Mac Coupon	5,000,000.00	5,000,000.00	4,729,079.50	4,729,079.50	Aaa AA	0.36	4.715	593	01/14/2025	1.563
3130ASL23	127367	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,781,245.00	10,000,000.00	Aaa AAA	0.76	5.414	601	01/22/2025	1.540
3134GXQ56	127381	Freddie Mac Coupon	5,000,000.00	5,000,000.00	4,888,205.00	5,000,000.00	Aaa AA	0.38	5.370	636	02/26/2025	1.633
3133EMSC7	127235	Federal Farm Credit Bank	14,750,000.00	14,713,125.00	13,621,304.93	13,621,304.93	Aaa AA	1.04	5.092	641	03/03/2025	1.704
31422XUT7	127347	Farmer Mac Coupon	10,000,000.00	10,000,000.00	9,482,359.00	9,482,359.00		0.72	5.103	645	03/07/2025	1.693
3133EM5V0	127253	Federal Farm Credit Bank	5,000,000.00	4,996,250.00	4,616,048.00	4,616,048.00	Aaa AA	0.35	5.064	659	03/21/2025	1.752
3134GXXM9	127349	Freddie Mac Coupon	10,000,000.00	10,000,000.00	9,506,397.00	9,506,397.00		0.72	5.080	663	03/25/2025	1.739
3133EMUP5	127151	Federal Farm Credit Bank	10,000,000.00	10,000,000.00	9,251,695.00	9,251,695.00	Aaa AA	0.70	5.035	670	04/01/2025	1.777
3133EMUP5	127150	Federal Farm Credit Bank	10,000,000.00	10,000,000.00	9,251,695.00	9,251,695.00	Aaa AA	0.70	5.035	670	04/01/2025	1.777
3133EMWH1	127163	Federal Farm Credit Bank	10,000,000.00	10,000,000.00	9,236,227.00	9,236,227.00	Aaa AA	0.70	4.998	690	04/21/2025	1.831
3133EMXS6	127171	Federal Farm Credit Bank	5,000,000.00	4,997,750.00	4,616,271.50	4,616,271.50	Aaa AA	0.35	4.986	697	04/28/2025	1.851

Portfolio OAK
CP

Oakland County Treasurer
GASB 40 Credit & Interest Rate Risk
Sorted by InvestmentType
Through 05/31/2023

Security ID	Investment #	Issuer	Par Value	Book Value	Market Value	Reported Value	Moody's	S&P	% of Portfolio	Current Yield	Days to Maturity	Maturity Date	Modified Duration
Federal Agency Issues - Coupon													
3130AMMC3	127196	Federal Home Loan Bank	6,000,000.00	6,000,000.00	5,536,935.00	5,536,935.00	Aaa	AA	0.42	4.853	739	06/09/2025	1.954
3134GXN42	127378	Freddie Mac Coupon	10,000,000.00	10,000,000.00	9,903,612.00	10,000,000.00	Aaa	AA	0.76	3.454	816	08/25/2025	2.123
3134GXN59	127380	Freddie Mac Coupon	5,000,000.00	5,000,000.00	4,884,934.00	5,000,000.00	Aaa	AA	0.38	5.105	817	08/26/2025	2.085
3134GXX82	127410	Freddie Mac Coupon	10,000,000.00	10,000,000.00	9,834,885.00	10,000,000.00	Aaa	AA	0.76	4.765	845	09/23/2025	2.161
3134GXZ80	127417	Freddie Mac Coupon	10,000,000.00	9,995,000.00	9,833,198.00	9,995,000.00	Aaa	AA	0.76	5.276	848	09/26/2025	2.153
3133EM6P2	127267	Federal Farm Credit Bank	10,000,000.00	9,993,000.00	9,125,646.00	9,125,646.00	Aaa	AA	0.69	4.710	851	09/29/2025	2.256
3134GX2T0	127419	Freddie Mac Coupon	10,000,000.00	10,000,000.00	9,835,047.00	10,000,000.00	Aaa	AA	0.76	5.264	852	09/30/2025	2.164
3135GA2A8	127241	Fannie Mae	3,200,000.00	3,185,600.00	2,905,367.68	2,905,367.68	Aaa	AA	0.22	4.667	880	10/28/2025	2.338
3130AL3F9	127127	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,032,301.00	9,032,301.00	Aaa	AA	0.69	4.525	1,006	03/03/2026	2.665
3130ALPQ1	127149	Federal Home Loan Bank	5,000,000.00	5,000,000.00	4,575,633.50	4,575,633.50	Aaa	AA	0.35	4.213	1,033	03/30/2026	2.726
3130ALTT1	127146	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,024,912.00	9,024,912.00	Aaa	AA	0.69	4.732	1,033	03/30/2026	2.726
3130AMCL4	127184	Federal Home Loan Bank	5,000,000.00	5,000,000.00	4,511,340.50	4,511,340.50	Aaa	AA	0.34	4.581	1,083	05/19/2026	2.860
3133EMUQ3	127148	Federal Farm Credit Bank	10,000,000.00	10,000,000.00	8,924,368.00	8,924,368.00	Aaa	AA	0.68	4.381	1,398	03/30/2027	3.654
Subtotal			1,133,421,000.00	1,133,004,171.95	1,082,228,129.31	1,084,471,509.11			82.51	5.177	430		1.145
Treasury Notes													
91282CCU3	127327	US Treasury Note	10,000,000.00	9,902,700.00	9,869,141.00	9,869,141.00			0.75	5.437	91	08/31/2023	0.362
9128285D8	127285	US Treasury Note	10,000,000.00	10,489,000.00	9,920,313.00	9,920,313.00			0.76	4.505	121	09/30/2023	0.331
91282CAP6	127286	US Treasury Note	15,000,000.00	14,930,250.00	14,712,891.00	14,712,891.00			1.12	4.030	136	10/15/2023	0.372
91282CBE0	127325	US Treasury Note	5,000,000.00	4,929,000.00	4,841,211.00	4,841,211.00			0.37	5.384	228	01/15/2024	0.605
91282CBE0	127276	US Treasury Note	5,500,000.00	5,472,225.00	5,325,332.10	5,325,332.10			0.41	5.384	228	01/15/2024	0.605
912828V80	127326	US Treasury Note	5,000,000.00	5,143,500.00	4,899,414.00	4,899,414.00			0.37	5.367	244	01/31/2024	0.643
91282CCG4	127280	US Treasury Note	5,000,000.00	4,964,000.00	4,753,125.00	4,753,125.00			0.36	5.194	380	06/15/2024	1.010
91282CCL3	127266	US Treasury Note	10,000,000.00	9,976,000.00	9,494,531.00	9,494,531.00			0.72	5.066	410	07/15/2024	1.090
91282CCT6	127263	US Treasury Note	5,500,000.00	5,489,550.00	5,205,019.60	5,205,019.60			0.40	5.016	441	08/15/2024	1.175
912828YE4	127219	US Treasury Note	5,500,000.00	5,643,687.50	5,254,218.75	5,254,218.75			0.40	4.983	457	08/31/2024	1.207
91282CCX7	127243	US Treasury Note	15,000,000.00	14,971,800.00	14,156,836.50	14,156,836.50	Aaa	AAA	1.08	4.930	472	09/15/2024	1.254
91282CCX7	127262	US Treasury Note	10,000,000.00	9,974,000.00	9,437,891.00	9,437,891.00	Aaa	AAA	0.72	4.930	472	09/15/2024	1.254
9128282Y5	127248	US Treasury Note	5,500,000.00	5,779,950.00	5,305,781.25	5,305,781.25			0.40	4.895	487	09/30/2024	1.283
912828YH7	127265	US Treasury Note	10,000,000.00	10,297,500.00	9,567,578.00	9,567,578.00			0.73	4.891	487	09/30/2024	1.288
912828YH7	127391	US Treasury Note	15,000,000.00	14,350,195.31	14,351,367.00	14,351,367.00			1.09	4.891	487	09/30/2024	1.288
91282CDB4	127287	US Treasury Note	15,000,000.00	14,997,750.00	14,163,282.00	14,163,282.00			1.08	4.877	502	10/15/2024	1.333
91282CDB4	127294	US Treasury Note	20,000,000.00	19,926,600.00	18,884,376.00	18,884,376.00			1.44	4.877	502	10/15/2024	1.333
912828YM6	127279	US Treasury Note	5,500,000.00	5,649,050.00	5,252,500.00	5,252,500.00			0.40	4.825	518	10/31/2024	1.368

Oakland County Treasurer
GASB 40 Credit & Interest Rate Risk
Sorted by InvestmentType
Through 05/31/2023

Security ID	Investment #	Issuer	Par Value	Book Value	Market Value	Reported Value	Moody's S&P	% of Portfolio	Current Yield	Days to Maturity	Maturity Date	Modified Duration
Treasury Notes												
912828G38	127313	US Treasury Note	5,000,000.00	5,217,350.00	4,822,461.00	4,822,461.00		0.37	4.806	533	11/15/2024	1.402
		Subtotal	177,500,000.00	178,104,107.81	170,217,269.20	170,217,269.20		12.97	4.892	383		1.024
MI Gov't Coupon												
672411M69	125911	Oakland County Refunding	34,000,000.00	34,000,000.00	34,120,689.80	34,000,000.00	Aaa AAA	2.59	4.420	1,400	04/01/2027	3.461
		Subtotal	34,000,000.00	34,000,000.00	34,120,689.80	34,000,000.00		2.59	4.420	1,400		3.461
Passbook/Checking Accounts												
3310301	127070	CIBC	650,682.00	650,682.00	650,682.00	650,682.00		0.05	3.000	1		0.000
4252473726	123865	PNC Bank	0.00	0.00	0.00	0.00		0.00	0.000	1		0.000 †
101093342	125366	Flagstar Pool	108,712.13	108,712.13	108,712.13	108,712.13		0.01	3.750	1		0.000
2272S0094	126751	Michigan First Credit Union	100.00	100.00	100.00	100.00		0.00	0.050	1		0.000
01381917549	125359	Huntington Pool	10,000.00	10,000.00	10,000.00	10,000.00		0.00	0.010	1		0.000
0002306184	125959	Chief Financial Credit Union	235,867.26	235,867.26	235,867.26	235,867.26		0.02	0.500	1		0.000
11211082	127069	Horizon Bank	99,249.16	99,249.16	99,249.16	99,249.16		0.01	0.120	1		0.000
50010511	126719	The State Bank	328,413.54	328,413.54	328,413.54	328,413.54		0.03	4.570	1		0.000 †
122920590	126831	District Court int	67.35	67.35	67.35	67.35		0.00	0.900	1		0.000
850008	127324	Citizens State Bank	274,267.57	274,267.57	274,267.57	274,267.57		0.02	2.250	1		0.000
		Subtotal	1,707,359.01	1,707,359.01	1,707,359.01	1,707,359.01		0.14	2.699	1		0.000 †
		Report Total	1,370,679,416.53	1,370,861,696.29	1,312,294,700.84	1,314,442,194.84		100.04	5.102	442		1.1699 †

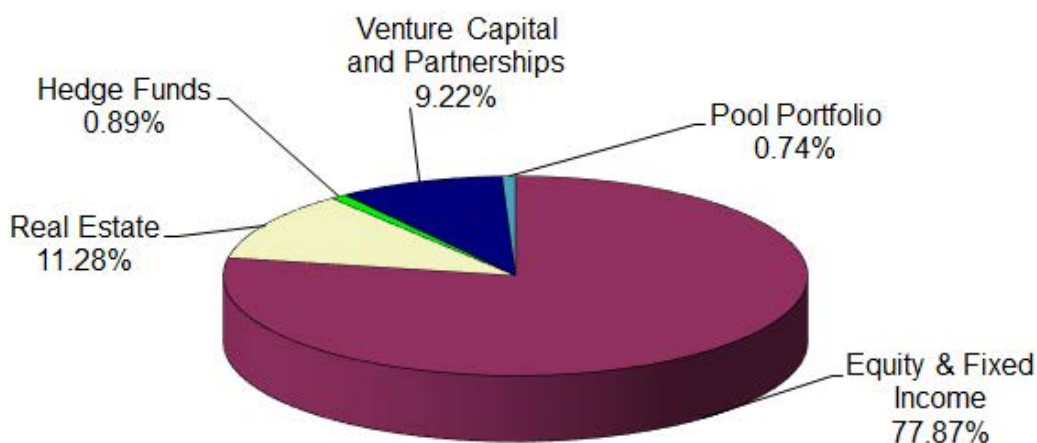
† = Duration can not be calculated on these investments due to incomplete Market price data.

Oakland County
Retirement System

Oakland County Treasurer's Office
Summary of All Investment Balances by Type
Report as of May 31, 2023

Type	Current Original Cost
Retirement Equity & Fixed	1,629,514,301.38
Retirement Real Estate	236,099,734.79
Hedge Funds	18,585,177.99
Venture Capital and Partnerships	192,844,448.23
Pool Portfolio	15,475,532.28
GRAND TOTALS	<u>2,092,519,194.67</u>

County Of Oakland Employees'
Retirement System
Robert Wittenberg, County Treasurer



Retirement Investments by Type



Oakland County Treasurer's Office
Summary of Investments by Fund, Type, and Issuer
Report as of May 31, 2023

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Fund	Type	Issuer	Current Original Cost Issuer Subtotals	Current Original Cost Type & Fund Totals
73100	Employees' Retirement System			
	Hedge Funds			
		ABS	6,536,938.97	
		Totals for Hedge Funds		6,536,938.97
	Retirement Equity & Fixed			
		CS McKee - Fixed	114,479,089.97	
		Fidelity Int Equity	11,176,327.66	
		Franklin Templeton - Fixed	0.00	
		Great Lakes Advisor	13,231,639.18	
		HGK INTL EQ	28,286,497.00	
		JPMorgan Chase	0.00	
		Lazard Asset Management	27,614,670.57	
		Lee Munder	23,932,397.11	
		Loomis Sayles - Fixed	42,274,108.78	
		Loomis Sayles Small Cap	26,131,034.64	
		Marathon Distressed Credit	11,508,390.00	
		Munder Capital Management	0.00	
		Northern Trust	7,253,922.65	
		Nuance Investments	12,676,872.00	
		PICTET International Equity Fu	0.00	
		PIMCO MF	15,348,107.35	
		RBC Global Asset Management (U	0.00	
		Reinhart Partners	11,005,276.80	
		SSGA Index Fund	58,829,829.47	
		Seizert Capital Partner, LLC	0.00	
		T. Rowe Price	65,628,317.68	
		Times Square Capital Managemen	15,625,042.26	
		Wedge Capital Management	0.00	
		Wells Capital Management	14,951,301.61	
		Totals for Retirement Equity & Fixed		499,952,824.73
	Retirement Real Estate			
		AEW PARTNERS RE VII	1,249,446.00	
		Alidade Capital Fund IV, LP	4,184,139.00	
		DUNE REAL ESTATE	3,960,233.00	
		JPMorgan European Property Fun	66,263.60	
		Morgan Stanley Prime Fund	43,549,316.17	
		Prudential -Prissa II	15,472,049.17	
		ValStone	1,740,689.00	
		Walton Street Real Estate Fund	2,234,906.00	
		Totals for Retirement Real Estate		72,457,041.94
	Venture Capital and Partnerships			
		ABS EM LP	17,729,248.00	
		Alidade Capital Fund IV, LP	1,833,458.56	
		BlackRock IX LP	10,518,501.00	
		Bloomfield Capital V	7,820,196.00	
		Capital Dynamics	703,206.00	
		Churchill Middle Market	3,630,526.94	
		HIG Fund IV	8,370,013.32	
		Hamilton Lane Secondary Fund V	8,546,321.00	
		PASF IV	9,151,652.00	
		Totals for Venture Capital and Partnerships		68,303,122.82
		Totals for Employees' Retirement System		647,249,928.46
73200	VEBA Trust			
	Hedge Funds			
		ABS	12,048,239.02	
		Totals for Hedge Funds		12,048,239.02
	Retirement Equity & Fixed			
		CS McKee - Fixed	244,270,278.38	
		Fidelity Int Equity	19,810,608.33	
		Franklin Templeton - Fixed	0.00	



Oakland County Treasurer's Office
Summary of Investments by Fund, Type, and Issuer
Report as of May 31, 2023

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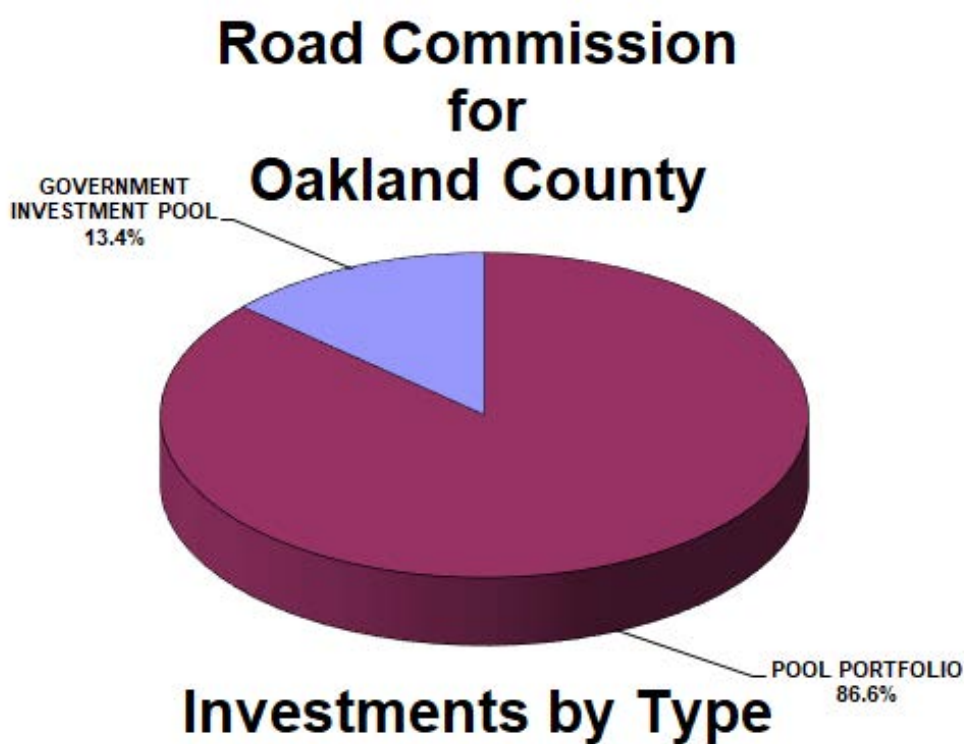
Fund	Type	Issuer	Current Original Cost Issuer Subtotals	Current Original Cost Type & Fund Totals
		HGK INTL EQ	58,930,203.00	
		JPMorgan Chase	0.00	
		Lazard Asset Management	58,778,093.75	
		Lee Munder	49,519,766.34	
		Loomis Sayles - Fixed	125,616,716.19	
		Loomis Sayles Small Cap	51,623,467.84	
		Marathon Distressed Credit	21,372,723.00	
		Munder Capital Management	0.00	
		Northern Trust	19,772,664.62	
		Nuance Investments	23,199,315.36	
		PICTET International Equity Fu	0.00	
		PIMCO MF	44,210,604.38	
		RBC Global Asset Management (U	0.00	
		Reinhart Partners	26,392,308.19	
		SSGA Index Fund	127,507,820.74	
		Seizert Capital Partner, LLC	0.00	
		T. Rowe Price	148,975,268.72	
		Times Square Capital Managemen	33,028,533.68	
		Van Mid Core VO	27,218,079.48	
		Wedge Capital Management	0.00	
		Wells Capital Management	30,453,608.57	
		Totals for Retirement Equity & Fixed		1,110,680,060.57
	Retirement Real Estate			
		AEW PARTNERS RE VII	2,498,888.00	
		Alidade Capital Fund IV, LP	2,510,484.00	
		DUNE REAL ESTATE	7,920,484.00	
		Hamilton Lane Secondary Fund V	0.00	
		Macquarie European Infrastruct	33,987.26	
		Macquarie Infrastructure Partn	1.00	
		Morgan Stanley Prime Fund	84,723,234.97	
		Prudential -Prissa II	58,874,767.62	
		ValStone	2,611,034.00	
		Walton Street Real Estate Fund	4,469,812.00	
		Totals for Retirement Real Estate		163,642,692.85
	Venture Capital and Partnerships			
		ABS EM LP	32,006,314.00	
		Alidade Capital Fund IV, LP	5,497,867.00	
		BlackRock IX LP	17,530,834.00	
		Bloomfield Capital V	14,830,049.00	
		Capital Dynamics	2,109,617.15	
		Churchill Middle Market	6,050,878.24	
		HIG Fund IV	15,544,310.02	
		Hamilton Lane Secondary Fund V	14,956,067.00	
		PASF IV	16,015,389.00	
		Totals for Venture Capital and Partnerships		124,541,325.41
		Totals for VEBA Trust		1,410,912,317.85
73310	Superseding Trust			
	Retirement Equity & Fixed			
		CS McKee - Fixed	6,985,647.98	
		JPMorgan Chase	0.00	
		SSGA Index Fund	11,895,768.10	
		Totals for Retirement Equity & Fixed		18,881,416.08
		Totals for Superseding Trust		18,881,416.08
GRAND TOTALS:				2,077,043,662.39

Road Commission
For
Oakland County



Oakland County Treasurer's Office
Summary of All Investment Balances by Type
Report as of May 31, 2023

Type	Current Original Cost
Governmental Investment Pool	14,223,041.22
Pool Portfolio	91,901,903.69
GRAND TOTALS:	<u>106,124,944.91</u>





Oakland County Treasurer's Office
Summary of Investments by Fund, Type, and Issuer
Report as of May 31, 2023

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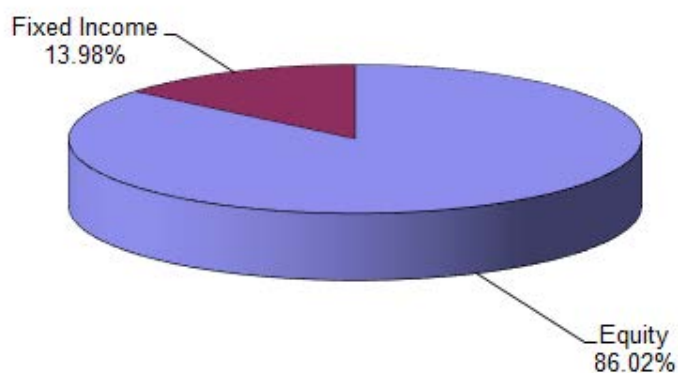
Fund	Type	Issuer	Current Original Cost Issuer Subtotals	Current Original Cost Type & Fund Totals
95210	Road Commission Fund			
	Governmental Investment Pool			
		Flagstar Bank	331,111.63	
		Imprest Cash	2,800.00	
		Totals for Governmental Investment Pool		333,911.63
		Totals for Road Commission Fund		333,911.63
95211	Road Commission Special Assmnt			
	Governmental Investment Pool			
		Federated Investors	10,029,244.31	
		Totals for Governmental Investment Pool		10,029,244.31
		Totals for Road Commission Special Assmnt		10,029,244.31
95293	Road Commission Escrow			
	Governmental Investment Pool			
		Flagstar Bank	3,827,885.28	
		Totals for Governmental Investment Pool		3,827,885.28
		Totals for Road Commission Escrow		3,827,885.28
95295	Road Commission Risk Managemen			
	Governmental Investment Pool			
		Flagstar Bank	32,000.00	
		Totals for Governmental Investment Pool		32,000.00
		Totals for Road Commission Risk Managemen		32,000.00
GRAND TOTALS:				14,223,041.22



Oakland County Treasurer's Office
Summary of All Investment Balances by Type
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Type	Current Original Cost
Retirement Equity & Fixed	271,135,356.80
GRAND TOTALS:	271,135,356.80

Road Commission Retirement



Retirement Investments by Type



Oakland County Treasurer's Office
Summary of Investments by Fund, Type, and Issuer
Report as of May 31, 2023

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Fund	Type	Issuer	Current Original Cost Issuer Subtotals	Current Original Cost Type & Fund Totals
95234	Road Commission Retirement			
	Retirement Equity & Fixed			
		Comerica Bond Index Fund	0.00	
		Commingled Mutual Fund Acct	124,703,920.16	
		Cumberland Advisors Inc fixed	29,557,420.64	
		Harding Loevner LP Intl	16,379,865.23	
		LS Investment Advisors LLC	1,102.35	
		RE Principal Enhanced Proper	25,274,448.83	
		Receipt & Disburse Cash Acct	3,639,809.20	
		Rothschild Asset Management	0.00	
		Totals for Retirement Equity & Fixed		199,556,566.41
		Totals for Road Commission Retirement		199,556,566.41
95235	Road Commission Retiree Health			
	Retirement Equity & Fixed			
		American Realty	4,405,889.56	
		Cash Account	4,694,527.80	
		Commingled Mutual Fund Acct	42,684,945.17	
		Garcia Hamilton & Associates	14,907,111.46	
		Harding Loevner LP Intl	4,886,316.40	
		Totals for Retirement Equity & Fixed		71,578,790.39
		Totals for Road Commission Retiree Health		71,578,790.39
GRAND TOTALS:				271,135,356.80