



FINANCIAL REPORT OF INVESTMENTS

April 30, 2023

PREPARED BY:

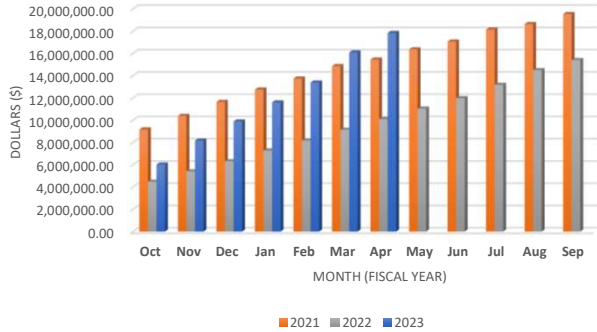
ROBERT WITTENBERG, COUNTY TREASURER

Robert Wittenberg, Oakland County Treasurer

Investment Report Summary

Investment Portfolio

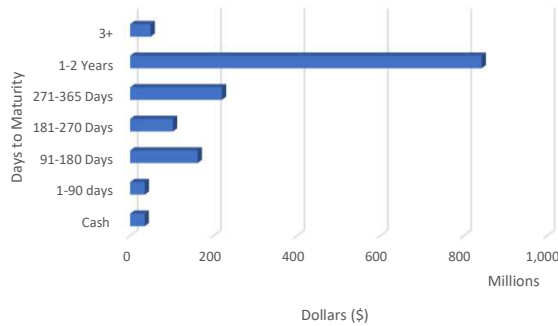
INTEREST EARNED



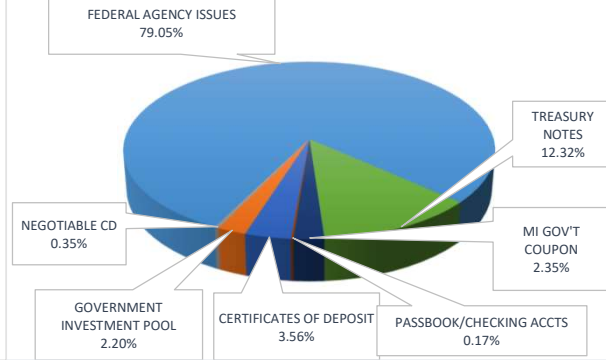
Type	Current Original Cost
Certificates of Deposit - Bank	51,460,532.41
Federal Agency Issues - Coupon	1,143,004,171.95
Governmental Investment Pool	31,851,057.52
MI Gov't Coupon	34,000,000.00
Negotiable CDs	4,995,000.00
Passbook/Checking Accounts	2,527,153.22
Treasury Notes	178,104,107.81
GRAND TOTALS:	1,445,942,022.91

Diversification

Diversification by Maturity Date

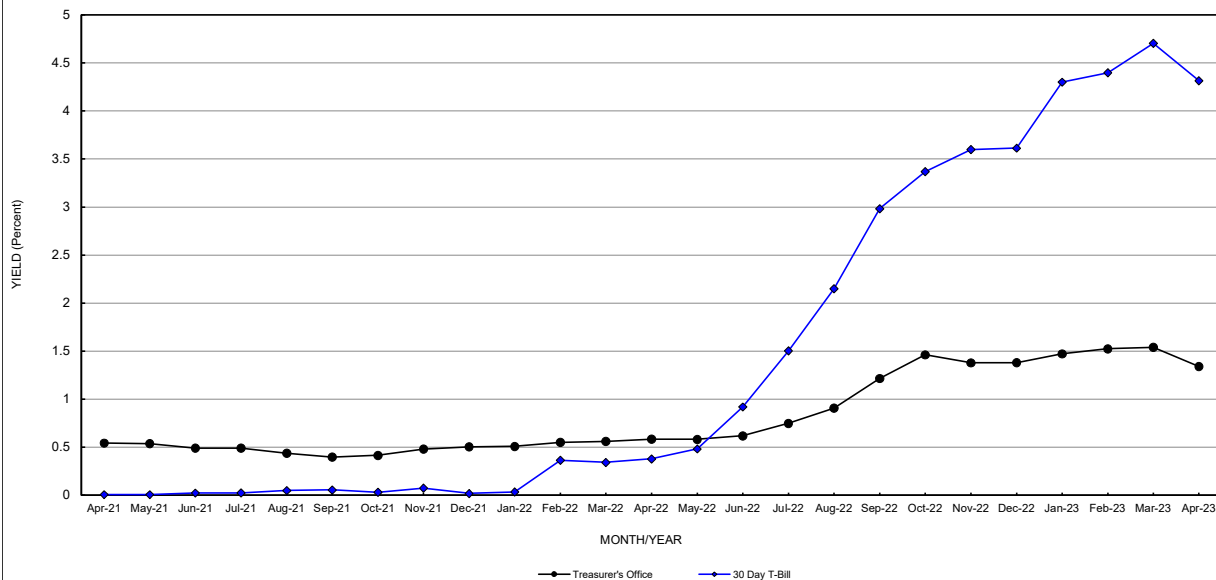


Diversification by Investment Type



Yield

Robert Wittenberg, Oakland County Treasurer Investment Pool Yield Comparisons





Oakland County Treasurer
GASB 40 Credit & Interest Rate Risk
Sorted by InvestmentType
Through 04/30/2023

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
Certificates of Deposit - Bank													
19779	127388	Horizon Bank	15,014,794.38	15,014,794.38	15,014,794.38	15,014,794.38			1.08	3.290	8	05/09/2023	0.021 ↑
12213112-7	127384	Superior National Bank	11,112,377.16	11,112,377.16	11,112,377.16	11,112,377.16			0.80	3.250	123	09/01/2023	0.336 ↑
830380	127412	Waterford Bank, N.A.	5,040,065.16	5,040,065.16	5,040,065.16	5,040,065.16			0.36	4.000	151	09/29/2023	0.413 ↑
2272S0057-1	127416	Michigan First Credit Union	10,111,939.05	10,111,939.05	10,111,939.05	10,111,939.05			0.73	4.270	151	09/29/2023	0.413 ↑
50-402	127413	Diversified Members Credit Uni	10,181,356.66	10,181,356.66	10,181,356.66	10,181,356.66			0.73	4.270	151	09/29/2023	0.413 ↑
Subtotal			51,460,532.41	51,460,532.41	51,460,532.41	51,460,532.41			3.70	3.737	103		0.281 ↑
Governmental Investment Pool													
MI 01 0047 0003 111745		MI Class	31,851,057.52	31,851,057.52	31,851,057.52	31,851,057.52			2.29	5.040	1		0.000
Subtotal			31,851,057.52	31,851,057.52	31,851,057.52	31,851,057.52			2.29	5.040	1		0.000
Negotiable CDs													
32110YVG7	127339	First Natl Bk of America	5,000,000.00	4,995,000.00	4,849,398.00	4,995,000.00	P-1	A-1	0.36	4.949	266	01/22/2024	0.720
Subtotal			5,000,000.00	4,995,000.00	4,849,398.00	4,995,000.00			0.36	4.949	266		0.720
Federal Agency Issues - Coupon													
3130ASFU8	127354	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,934,887.00	10,000,000.00	Aaa	AAA	0.72	5.488	88	07/28/2023	0.234
31422XUX8	127345	Farmer Mac Coupon	10,000,000.00	10,000,000.00	9,911,738.00	9,911,738.00			0.71	3.173	88	07/28/2023	0.241
3135G05U3	127282	Fannie Mae	7,750,000.00	7,746,590.00	7,636,582.63	7,636,582.63			0.55	3.326	109	08/18/2023	0.298
3135G05T6	127198	Fannie Mae	9,435,000.00	9,462,927.60	9,297,217.86	9,297,217.86			0.67	3.319	109	08/18/2023	0.298
3133EEG79	127342	Federal Farm Credit Bank	4,000,000.00	4,046,000.00	3,959,290.80	3,959,290.80			0.29	4.228	129	09/07/2023	0.353
3137EAEW5	127306	Freddie Mac Coupon	3,913,000.00	3,904,587.05	3,845,888.14	3,845,888.14			0.28	3.744	130	09/08/2023	0.356
3133EMAM4	127277	Federal Farm Credit Bank	5,000,000.00	4,995,050.00	4,904,480.50	4,904,480.50			0.35	4.150	143	09/21/2023	0.391
3130ASFT1	127355	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,908,230.00	10,000,000.00	Aaa	AAA	0.72	5.207	150	09/28/2023	0.394
3130ATD38	127411	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,952,652.00	10,000,000.00	Aaa	AAA	0.72	4.970	150	09/28/2023	0.410
3133ENAU4	127278	Federal Farm Credit Bank	10,000,000.00	9,994,000.00	9,781,918.00	9,781,918.00			0.70	4.735	164	10/12/2023	0.449
3137EAEY1	127311	Freddie Mac Coupon	5,000,000.00	4,965,900.00	4,887,841.50	4,887,841.50			0.35	4.717	168	10/16/2023	0.460
3133ENBN9	127288	Federal Farm Credit Bank	15,000,000.00	14,988,000.00	14,663,700.00	14,663,700.00			1.05	4.935	172	10/20/2023	0.471
3136G46A6	127091	Fannie Mae	10,000,000.00	10,000,000.00	9,765,916.00	9,765,916.00			0.70	5.101	179	10/27/2023	0.490
3133EMFB3	127096	Federal Farm Credit Bank	5,000,000.00	4,997,500.00	4,878,487.00	4,878,487.00			0.35	5.251	185	11/02/2023	0.489
3134GW6E1	127408	Freddie Mac Coupon	7,000,000.00	6,709,500.00	6,836,195.10	6,836,195.10	Aaa	AA	0.49	5.093	185	11/02/2023	0.489

Portfolio OAK
CP

Oakland County Treasurer
GASB 40 Credit & Interest Rate Risk
Sorted by InvestmentType
Through 04/30/2023

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													
3134GW6E1	127095	Freddie Mac Coupon	10,000,000.00	10,000,000.00	9,765,993.00	9,765,993.00	Aaa	AA	0.70	5.093	185	11/02/2023	0.489
31422XPP1	127302	Farmer Mac Coupon	10,000,000.00	10,000,000.00	9,781,455.00	9,781,455.00			0.70	5.006	185	11/02/2023	0.489
31422XPP1	127304	Farmer Mac Coupon	5,000,000.00	5,000,000.00	4,890,727.50	4,890,727.50			0.35	5.006	185	11/02/2023	0.489
31422B2K5	127097	Farmer Mac Coupon	4,000,000.00	4,000,000.00	3,901,442.80	3,901,442.80			0.28	5.242	189	11/06/2023	0.500
3133ENDR8	127312	Federal Farm Credit Bank	5,000,000.00	4,991,000.00	4,883,331.00	4,883,331.00			0.35	4.982	192	11/09/2023	0.508
3134GXAY0	127098	Freddie Mac Coupon	5,000,000.00	5,000,000.00	4,872,026.50	4,872,026.50	Aaa	AA	0.35	5.229	196	11/13/2023	0.518
31422B3E8	127101	Farmer Mac Coupon	2,350,000.00	2,348,825.00	2,288,076.09	2,288,076.09			0.17	5.208	203	11/20/2023	0.537
31422B3E8	127236	Farmer Mac Coupon	4,000,000.00	4,000,000.00	3,894,597.60	3,894,597.60			0.28	5.208	203	11/20/2023	0.537
3134GXCA0	127102	Freddie Mac Coupon	5,000,000.00	5,000,000.00	4,866,112.00	4,866,112.00			0.35	5.201	207	11/24/2023	0.549
31422XQD7	127320	Farmer Mac Coupon	5,000,000.00	5,000,000.00	4,874,037.00	4,874,037.00	Aaa	AAA	0.35	5.060	212	11/29/2023	0.562
3137EAF2	127305	Freddie Mac Coupon	4,025,000.00	4,009,906.25	3,913,730.08	3,913,730.08			0.28	5.052	217	12/04/2023	0.576
3130ASFS3	127356	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,861,234.00	10,000,000.00	Aaa	AAA	0.72	5.228	241	12/28/2023	0.633
31422XJA1	127206	Farmer Mac Coupon	6,000,000.00	6,000,000.00	5,816,895.60	5,816,895.60	Aaa	AAA	0.42	5.023	246	01/02/2024	0.652
3130AM3C4	127168	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,642,947.00	9,642,947.00			0.69	5.306	273	01/29/2024	0.724
3133ENNE6	127343	Federal Farm Credit Bank	5,000,000.00	4,965,000.00	4,848,523.50	4,848,523.50			0.35	5.288	284	02/09/2024	0.749
3133EMSD5	127126	Federal Farm Credit Bank	10,000,000.00	9,990,000.00	9,598,024.00	9,598,024.00			0.69	5.243	305	03/01/2024	0.811
31422XCD2	127131	Farmer Mac Coupon	10,000,000.00	10,000,000.00	9,602,660.00	9,602,660.00			0.69	5.225	312	03/08/2024	0.829
3130ALJ70	127134	Federal Home Loan Bank	20,000,000.00	20,000,000.00	19,196,746.00	19,196,746.00			1.38	5.216	316	03/12/2024	0.840
3133EMTD4	127135	Federal Farm Credit Bank	5,000,000.00	5,000,000.00	4,796,307.00	4,796,307.00			0.35	5.209	319	03/15/2024	0.849
3130ALKS2	127136	Federal Home Loan Bank	10,000,000.00	9,990,000.00	9,593,038.00	9,593,038.00			0.69	5.209	319	03/15/2024	0.849
31422XUA8	127344	Farmer Mac Coupon	5,000,000.00	5,000,000.00	4,834,502.50	4,834,502.50			0.35	5.198	326	03/22/2024	0.865
3130ALLM4	127144	Federal Home Loan Bank	5,000,000.00	5,000,000.00	4,787,835.00	4,787,835.00			0.34	5.193	332	03/28/2024	0.884
3130ALU77	127147	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,575,670.00	9,575,670.00			0.69	5.193	332	03/28/2024	0.884
3134GXYZ1	127415	Freddie Mac Coupon	10,000,000.00	10,000,000.00	9,810,548.00	10,000,000.00	Aaa	AA	0.72	5.156	332	03/28/2024	0.885
3134GXYZ1	127423	Freddie Mac Coupon	10,000,000.00	10,000,000.00	9,810,548.00	10,000,000.00	Aaa	AA	0.72	5.156	332	03/28/2024	0.885
31422XNR9	127274	Farmer Mac Coupon	5,000,000.00	5,000,000.00	4,801,010.00	4,801,010.00			0.35	4.893	339	04/04/2024	0.901
3130ALTJ3	127154	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,565,222.00	9,565,222.00			0.69	5.194	343	04/08/2024	0.911
3130ALTJ3	127155	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,565,222.00	9,565,222.00			0.69	5.194	343	04/08/2024	0.911
3130ALRH9	127156	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,563,046.00	9,563,046.00			0.69	5.187	347	04/12/2024	0.922
3130ALWE0	127157	Federal Home Loan Bank	15,000,000.00	15,000,000.00	14,339,566.50	14,339,566.50			1.03	5.182	350	04/15/2024	0.930
3133EMXB3	127166	Federal Farm Credit Bank	10,000,000.00	10,000,000.00	9,546,258.00	9,546,258.00	Aaa	AA	0.69	5.172	357	04/22/2024	0.949
3130ALXB5	127165	Federal Home Loan Bank	15,000,000.00	15,000,000.00	14,335,002.00	14,335,002.00	Aaa	AA	1.03	5.171	357	04/22/2024	0.948
3130AM3D2	127169	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,545,153.00	9,545,153.00			0.69	5.151	364	04/29/2024	0.968
3130AM5Q1	127170	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,549,013.00	9,549,013.00	Aaa	AA	0.69	5.150	364	04/29/2024	0.968

Portfolio OAK
CP

Run Date: 05/17/2023 - 09:30

Oakland County Treasurer
GASB 40 Credit & Interest Rate Risk
Sorted by InvestmentType
Through 04/30/2023

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													
3130ALXQ2	127167	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,554,803.00	9,554,803.00	Aaa	AA	0.69	5.150	364	04/29/2024	0.968
3133ENCV0	127303	Federal Farm Credit Bank	10,000,000.00	9,995,000.00	9,567,259.00	9,567,259.00	Aaa	AA	0.69	5.153	367	05/02/2024	0.972
31422XEG3	127175	Farmer Mac Coupon	6,000,000.00	6,000,000.00	5,741,137.80	5,741,137.80	Aaa	AA	0.41	4.848	368	05/03/2024	0.978
3133EMYR7	127178	Federal Farm Credit Bank	10,000,000.00	10,000,000.00	9,534,490.00	9,534,490.00	Aaa	AA	0.69	5.146	371	05/06/2024	0.985
3130AM5C2	127177	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,538,913.00	9,538,913.00	Aaa	AA	0.69	5.146	371	05/06/2024	0.985
31422XGD8	127180	Farmer Mac Coupon	10,000,000.00	10,000,000.00	9,532,978.00	9,532,978.00	Aaa	AAA	0.69	5.144	372	05/07/2024	0.988
31422XPQ9	127307	Farmer Mac Coupon	10,000,000.00	10,000,000.00	9,595,034.00	9,595,034.00	Aaa	AA	0.69	4.839	373	05/08/2024	0.989
3130AM6N7	127181	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,529,556.00	9,529,556.00	Aaa	AA	0.69	5.146	375	05/10/2024	0.996
3130AMBZ4	127183	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,523,636.00	9,523,636.00	Aaa	AA	0.69	5.133	382	05/17/2024	1.015
3130AMBW1	127186	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,523,520.00	9,523,520.00	Aaa	AA	0.69	5.127	385	05/20/2024	1.023
3130AMDM1	127187	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,520,713.00	9,520,713.00	Aaa	AA	0.69	5.116	389	05/24/2024	1.034
31422XGP1	127188	Farmer Mac Coupon	5,000,000.00	5,000,000.00	4,770,395.50	4,770,395.50	Aaa	AA	0.34	4.807	391	05/26/2024	1.041
31422XQC9	127321	Farmer Mac Coupon	5,000,000.00	5,000,000.00	4,791,206.00	4,791,206.00	Aaa	AA	0.34	4.803	394	05/29/2024	1.046
3130AMQR6	127193	Federal Home Loan Bank	7,555,000.00	7,555,000.00	7,174,552.11	7,174,552.11	Aaa	AA	0.52	5.117	403	06/07/2024	1.070
3130AMJ52	127197	Federal Home Loan Bank	5,000,000.00	5,000,000.00	4,749,495.50	4,749,495.50	Aaa	AA	0.34	5.107	406	06/10/2024	1.077
3130AMND0	127200	Federal Home Loan Bank	5,000,000.00	5,000,000.00	4,747,536.00	4,747,536.00	Aaa	AA	0.34	5.094	413	06/17/2024	1.096
31422XJB9	127201	Farmer Mac Coupon	5,000,000.00	5,000,000.00	4,763,137.50	4,763,137.50	Aaa	AA	0.34	4.752	424	06/28/2024	1.127
31422XHZ8	127202	Farmer Mac Coupon	5,000,000.00	5,000,000.00	4,743,348.50	4,743,348.50	Aaa	AA	0.34	5.069	424	06/28/2024	1.125
3133ELQ56	127310	Federal Farm Credit Bank	10,000,000.00	9,984,000.00	9,496,562.00	9,496,562.00	Aaa	AA	0.68	5.058	428	07/02/2024	1.136
3133EMT51	127237	Federal Farm Credit Bank	5,000,000.00	5,000,000.00	4,731,250.00	4,731,250.00	Aaa	AA	0.34	5.030	445	07/19/2024	1.183
3133EMT51	127214	Federal Farm Credit Bank	10,000,000.00	9,990,000.00	9,462,500.00	9,462,500.00	Aaa	AA	0.68	5.030	445	07/19/2024	1.183
3133EMV25	127220	Federal Farm Credit Bank	5,000,000.00	5,011,000.00	4,742,338.50	4,742,338.50	Aaa	AA	0.34	4.824	449	07/23/2024	1.195
3134GXD68	127368	Freddie Mac Coupon	5,000,000.00	5,000,000.00	4,932,199.00	5,000,000.00	Aaa	AA	0.36	5.151	452	07/26/2024	1.176
3133EM2U5	127234	Federal Farm Credit Bank	5,794,000.00	5,794,000.00	5,472,431.84	5,472,431.84	Aaa	AA	0.39	4.920	476	08/19/2024	1.265
3133EM2U5	127226	Federal Farm Credit Bank	25,000,000.00	24,987,500.00	23,612,495.00	23,612,495.00	Aaa	AA	1.70	4.920	476	08/19/2024	1.265
3133EM2X9	127227	Federal Farm Credit Bank	5,000,000.00	5,000,000.00	4,722,499.00	4,722,499.00	Aaa	AA	0.34	4.920	476	08/19/2024	1.265
3130AMDT6	127185	Federal Home Loan Bank	5,000,000.00	5,000,000.00	4,723,490.00	4,723,490.00	Aaa	AA	0.34	4.919	476	08/19/2024	1.263
3130AMCN0	127189	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,443,377.00	9,443,377.00	Aaa	AA	0.68	4.909	483	08/26/2024	1.282
3133EL5S9	127233	Federal Farm Credit Bank	15,000,000.00	15,000,000.00	14,153,055.00	14,153,055.00	Aaa	AA	1.02	4.888	491	09/03/2024	1.303
3133ENQC7	127346	Federal Farm Credit Bank	10,000,000.00	10,000,000.00	9,622,729.00	9,622,729.00			0.69	4.887	491	09/03/2024	1.292
31422XMH2	127232	Farmer Mac Coupon	5,000,000.00	5,000,000.00	4,727,992.00	4,727,992.00	Aaa	AA	0.34	4.638	491	09/03/2024	1.305
31422XMH2	127231	Farmer Mac Coupon	5,000,000.00	5,000,000.00	4,727,992.00	4,727,992.00	Aaa	AA	0.34	4.638	491	09/03/2024	1.305
3133EM4K5	127238	Federal Farm Credit Bank	7,725,000.00	7,725,000.00	7,280,590.02	7,280,590.02	Aaa	AA	0.52	4.878	497	09/09/2024	1.320
3130ANVA5	127239	Federal Home Loan Bank	5,925,000.00	5,925,000.00	5,588,232.48	5,588,232.48	Aaa	AA	0.40	4.876	498	09/10/2024	1.322

Portfolio OAK
CP

Run Date: 05/17/2023 - 09:30

Oakland County Treasurer
GASB 40 Credit & Interest Rate Risk
Sorted by InvestmentType
Through 04/30/2023

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													
3133ENL40	127394	Federal Farm Credit Bank	13,135,000.00	13,053,957.05	12,945,857.31	13,053,957.05	Aaa	AAA	0.94	4.602	501	09/13/2024	1.310
3130ANU65	127240	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,426,635.00	9,426,635.00	Aaa	AA	0.68	4.868	501	09/13/2024	1.330
880591ER9	127221	Tenn Valley Authority	2,598,000.00	2,794,798.50	2,536,792.16	2,536,792.16	Aaa	AA	0.18	4.670	503	09/15/2024	1.319
31422XG89	127407	Farmer Mac Coupon	10,000,000.00	10,000,000.00	9,911,573.00	10,000,000.00	Aaa	AAA	0.72	4.619	508	09/20/2024	1.326
3133EM5X6	127257	Federal Farm Credit Bank	6,000,000.00	6,000,000.00	5,677,794.60	5,677,794.60	Aaa	AA	0.41	4.445	511	09/23/2024	1.361
31422XMJ8	127261	Farmer Mac Coupon	15,000,000.00	15,000,000.00	14,129,229.00	14,129,229.00	Aaa	AA	1.02	4.848	512	09/24/2024	1.360
3134GX2N3	127418	Freddie Mac Coupon	9,266,000.00	9,247,468.00	9,137,999.48	9,247,468.00	Aaa	AA	0.67	5.033	515	09/27/2024	1.342
31422XMU3	127264	Farmer Mac Coupon	10,000,000.00	10,000,000.00	9,448,747.00	9,448,747.00	Aaa	AA	0.68	4.554	515	09/27/2024	1.370
31422XNQ1	127275	Farmer Mac Coupon	5,000,000.00	5,000,000.00	4,728,416.50	4,728,416.50	Aaa	AA	0.34	4.540	522	10/04/2024	1.388
31422XMV1	127273	Farmer Mac Coupon	15,000,000.00	15,000,000.00	14,118,604.50	14,118,604.50	Aaa	AA	1.02	4.816	522	10/04/2024	1.388
3130APAH8	127281	Federal Home Loan Bank	15,000,000.00	15,000,000.00	14,114,481.00	14,114,481.00	Aaa	AA	1.02	4.798	533	10/15/2024	1.417
3130ALWM2	127158	Federal Home Loan Bank	5,000,000.00	5,000,000.00	4,708,314.50	4,708,314.50	Aaa	AA	0.34	4.798	533	10/15/2024	1.416
31422XNT5	127283	Farmer Mac Coupon	5,000,000.00	5,000,000.00	4,718,942.50	4,718,942.50	Aaa	AA	0.34	4.511	536	10/18/2024	1.428
3133ENBM1	127290	Federal Farm Credit Bank	15,000,000.00	14,985,937.50	14,123,817.00	14,123,817.00	Aaa	AA	1.02	4.786	539	10/21/2024	1.433
3133ENBM1	127289	Federal Farm Credit Bank	10,000,000.00	9,972,500.00	9,415,878.00	9,415,878.00	Aaa	AA	0.68	4.786	539	10/21/2024	1.433
3130APCW3	127291	Federal Home Loan Bank	5,000,000.00	5,000,000.00	4,725,200.00	4,725,200.00	Aaa	AA	0.34	4.656	539	10/21/2024	1.433
3130APBN4	127292	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,415,171.00	9,415,171.00	Aaa	AA	0.68	4.786	539	10/21/2024	1.433
3130APF59	127301	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,462,620.00	9,462,620.00	Aaa	AA	0.68	4.360	546	10/28/2024	1.453
3130APJ22	127296	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,414,726.00	9,414,726.00	Aaa	AA	0.68	4.772	546	10/28/2024	1.451
3130APJT3	127300	Federal Home Loan Bank	7,000,000.00	7,000,000.00	6,626,573.80	6,626,573.80	Aaa	AA	0.48	4.747	546	10/28/2024	1.449
3130APK79	127298	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,420,441.00	9,420,441.00	Aaa	AA	0.68	4.771	546	10/28/2024	1.451
3130APF59	127297	Federal Home Loan Bank	5,000,000.00	5,000,000.00	4,731,310.00	4,731,310.00	Aaa	AA	0.34	4.360	546	10/28/2024	1.453
31422XPC0	127299	Farmer Mac Coupon	6,000,000.00	6,000,000.00	5,680,422.00	5,680,422.00	Aaa	AA	0.41	4.492	546	10/28/2024	1.452
3130AM2N1	127172	Federal Home Loan Bank	5,000,000.00	5,000,000.00	4,722,175.50	4,722,175.50	Aaa	AA	0.34	4.642	547	10/29/2024	1.454
3130APLF0	127308	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,426,430.00	9,426,430.00	Aaa	AA	0.68	4.747	557	11/08/2024	1.472
3130APLV5	127309	Federal Home Loan Bank	5,000,000.00	5,000,000.00	4,738,350.00	4,738,350.00	Aaa	AA	0.34	4.735	557	11/08/2024	1.467
3133ENDU1	127314	Federal Farm Credit Bank	5,000,000.00	4,997,500.00	4,707,072.00	4,707,072.00	Aaa	AA	0.34	4.732	564	11/15/2024	1.492
3130APMP7	127315	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,423,849.00	9,423,849.00	Aaa	AA	0.68	4.726	567	11/18/2024	1.499
3130APNB7	127316	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,435,679.00	9,435,679.00	Aaa	AA	0.68	4.725	567	11/18/2024	1.498
3130APQ73	127318	Federal Home Loan Bank	5,000,000.00	5,000,000.00	4,723,937.00	4,723,937.00	Aaa	AA	0.34	4.717	571	11/22/2024	1.506
3133ENKQ2	127330	Federal Farm Credit Bank	5,000,000.00	5,000,000.00	4,705,371.50	4,705,371.50	Aaa	AA	0.34	4.719	623	01/13/2025	1.644
31422XSU7	127333	Farmer Mac Coupon	5,000,000.00	5,000,000.00	4,744,655.00	4,744,655.00	Aaa	AA	0.34	4.345	624	01/14/2025	1.648
3130ASL23	127367	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,837,830.00	10,000,000.00	Aaa	AAA	0.72	4.996	632	01/22/2025	1.625
3134GXQ56	127381	Freddie Mac Coupon	5,000,000.00	5,000,000.00	4,918,020.50	5,000,000.00	Aaa	AA	0.36	4.957	667	02/26/2025	1.717

Portfolio OAK
CP

Run Date: 05/17/2023 - 09:30

Oakland County Treasurer
GASB 40 Credit & Interest Rate Risk
Sorted by InvestmentType
Through 04/30/2023

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													
3133EMSC7	127235	Federal Farm Credit Bank	14,750,000.00	14,713,125.00	13,699,845.73	13,699,845.73	Aaa	AA	0.99	4.561	672	03/03/2025	1.790
31422XUT7	127347	Farmer Mac Coupon	10,000,000.00	10,000,000.00	9,548,554.00	9,548,554.00			0.69	4.574	676	03/07/2025	1.778
3133EM5V0	127253	Federal Farm Credit Bank	5,000,000.00	4,996,250.00	4,644,695.00	4,644,695.00	Aaa	AA	0.33	4.528	690	03/21/2025	1.838
3134GXXM9	127349	Freddie Mac Coupon	10,000,000.00	10,000,000.00	9,575,392.00	9,575,392.00			0.69	4.559	694	03/25/2025	1.824
3133EMUP5	127151	Federal Farm Credit Bank	10,000,000.00	10,000,000.00	9,312,290.00	9,312,290.00	Aaa	AA	0.67	4.495	701	04/01/2025	1.863
3133EMUP5	127150	Federal Farm Credit Bank	10,000,000.00	10,000,000.00	9,312,290.00	9,312,290.00	Aaa	AA	0.67	4.495	701	04/01/2025	1.863
3133EMWH1	127163	Federal Farm Credit Bank	10,000,000.00	10,000,000.00	9,299,994.00	9,299,994.00	Aaa	AA	0.67	4.457	721	04/21/2025	1.918
3133EMXS6	127171	Federal Farm Credit Bank	5,000,000.00	4,997,750.00	4,648,730.00	4,648,730.00	Aaa	AA	0.33	4.445	728	04/28/2025	1.937
3130AMMC3	127196	Federal Home Loan Bank	6,000,000.00	6,000,000.00	5,577,294.00	5,577,294.00	Aaa	AA	0.40	4.338	770	06/09/2025	2.040
3134GXN42	127378	Freddie Mac Coupon	10,000,000.00	10,000,000.00	9,927,860.00	10,000,000.00	Aaa	AA	0.72	3.327	847	08/25/2025	2.206
3134GXN59	127380	Freddie Mac Coupon	5,000,000.00	5,000,000.00	4,918,126.00	5,000,000.00	Aaa	AA	0.36	4.756	848	08/26/2025	2.170
3134GXX82	127410	Freddie Mac Coupon	10,000,000.00	10,000,000.00	9,881,358.00	10,000,000.00	Aaa	AA	0.72	4.530	876	09/23/2025	2.246
3134GXZ80	127417	Freddie Mac Coupon	10,000,000.00	9,995,000.00	9,890,203.00	9,995,000.00	Aaa	AA	0.72	4.992	879	09/26/2025	2.238
3133EM6P2	127267	Federal Farm Credit Bank	10,000,000.00	9,993,000.00	9,200,705.00	9,200,705.00	Aaa	AA	0.66	4.222	882	09/29/2025	2.343
3134GX2T0	127419	Freddie Mac Coupon	10,000,000.00	10,000,000.00	9,891,699.00	10,000,000.00	Aaa	AA	0.72	4.983	883	09/30/2025	2.249
3135GA2A8	127241	Fannie Mae	3,200,000.00	3,185,600.00	2,930,172.16	2,930,172.16	Aaa	AA	0.21	4.179	911	10/28/2025	2.425
3130AL3F9	127127	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,096,731.00	9,096,731.00	Aaa	AA	0.65	4.156	1,037	03/03/2026	2.752
3130ALT11	127146	Federal Home Loan Bank	10,000,000.00	10,000,000.00	9,135,135.00	9,135,135.00	Aaa	AA	0.66	4.194	1,064	03/30/2026	2.815
3130ALPQ1	127149	Federal Home Loan Bank	5,000,000.00	5,000,000.00	4,628,292.00	4,628,292.00	Aaa	AA	0.33	3.716	1,064	03/30/2026	2.814
3130AMCL4	127184	Federal Home Loan Bank	5,000,000.00	5,000,000.00	4,555,517.50	4,555,517.50	Aaa	AA	0.33	4.153	1,114	05/19/2026	2.932
3133EMUQ3	127148	Federal Farm Credit Bank	10,000,000.00	10,000,000.00	9,023,658.00	9,023,658.00	Aaa	AA	0.65	4.021	1,429	03/30/2027	3.743
Subtotal			1,143,421,000.00	1,143,004,171.95	1,093,724,424.19	1,095,550,024.95			78.87	4.827	458		1.213
Treasury Notes													
91282CCU3	127327	US Treasury Note	10,000,000.00	9,902,700.00	9,837,891.00	9,837,891.00			0.71	3.423	122	08/31/2023	0.334
9128285D8	127285	US Treasury Note	10,000,000.00	10,489,000.00	9,923,047.00	9,923,047.00			0.71	4.448	152	09/30/2023	0.416
91282CAP6	127286	US Treasury Note	15,000,000.00	14,930,250.00	14,677,734.00	14,677,734.00			1.06	4.519	167	10/15/2023	0.457
91282CBE0	127325	US Treasury Note	5,000,000.00	4,929,000.00	4,835,547.00	4,835,547.00			0.35	4.926	259	01/15/2024	0.689
91282CBE0	127276	US Treasury Note	5,500,000.00	5,472,225.00	5,319,101.70	5,319,101.70			0.38	4.926	259	01/15/2024	0.689
912828V80	127326	US Treasury Note	5,000,000.00	5,143,500.00	4,900,976.50	4,900,976.50			0.35	4.978	275	01/31/2024	0.727
91282CCG4	127280	US Treasury Note	5,000,000.00	4,964,000.00	4,758,789.00	4,758,789.00			0.34	4.714	411	06/15/2024	1.095
91282CCL3	127266	US Treasury Note	10,000,000.00	9,976,000.00	9,507,812.30	9,507,812.30			0.68	4.620	441	07/15/2024	1.177
91282CCT6	127263	US Treasury Note	5,500,000.00	5,489,550.00	5,214,472.45	5,214,472.45			0.38	4.569	472	08/15/2024	1.260
912828YE4	127219	US Treasury Note	5,500,000.00	5,643,687.50	5,268,828.40	5,268,828.40			0.38	4.535	488	08/31/2024	1.292

Oakland County Treasurer
GASB 40 Credit & Interest Rate Risk
Sorted by InvestmentType
Through 04/30/2023

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													
91282CCX7	127262	US Treasury Note	10,000,000.00	9,974,000.00	9,460,547.00	9,460,547.00	Aaa	AAA	0.68	4.472	503	09/15/2024	1.339
91282CCX7	127243	US Treasury Note	15,000,000.00	14,971,800.00	14,190,820.50	14,190,820.50	Aaa	AAA	1.02	4.472	503	09/15/2024	1.339
912828YH7	127265	US Treasury Note	10,000,000.00	10,297,500.00	9,602,344.00	9,602,344.00			0.69	4.428	518	09/30/2024	1.373
912828YH7	127391	US Treasury Note	15,000,000.00	14,350,195.31	14,403,516.00	14,403,516.00			1.04	4.428	518	09/30/2024	1.373
9128282Y5	127248	US Treasury Note	5,500,000.00	5,779,950.00	5,328,984.65	5,328,984.65			0.38	4.414	518	09/30/2024	1.369
91282CDB4	127287	US Treasury Note	15,000,000.00	14,997,750.00	14,203,711.50	14,203,711.50			1.02	4.431	533	10/15/2024	1.420
91282CDB4	127294	US Treasury Note	20,000,000.00	19,926,600.00	18,938,282.00	18,938,282.00			1.36	4.431	533	10/15/2024	1.420
912828YM6	127279	US Treasury Note	5,500,000.00	5,649,050.00	5,271,406.25	5,271,406.25			0.38	4.393	549	10/31/2024	1.453
912828G38	127313	US Treasury Note	5,000,000.00	5,217,350.00	4,844,140.50	4,844,140.50			0.35	4.367	564	11/15/2024	1.472
Subtotal			177,500,000.00	178,104,107.81	170,487,951.75	170,487,951.75			12.26	4.454	414		1.104
MI Gov't Coupon													
672411M69	125911	Oakland County Refunding	34,000,000.00	34,000,000.00	34,234,800.60	34,000,000.00	Aaa	AAA	2.45	4.327	1,431	04/01/2027	3.544
Subtotal			34,000,000.00	34,000,000.00	34,234,800.60	34,000,000.00			2.45	4.327	1,431		3.544
Passbook/Checking Accounts													
3310301	127070	CIBC	646,111.33	646,111.33	646,111.33	646,111.33			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	108,046.99	108,046.99	108,046.99	108,046.99			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	235,670.42	235,670.42	235,670.42	235,670.42			0.02	0.500	1		0.000
11211082	127069	Horizon Bank	1,514.71	1,514.71	1,514.71	1,514.71			0.00	0.120	1		0.000
50010511	126719	The State Bank	1,252,427.48	1,252,427.48	1,252,427.48	1,252,427.48			0.09	4.570	1		0.000 †
122920590	126831	District Court int	43.14	43.14	43.14	43.14			0.00	0.900	1		0.000
850008	127324	Citizens State Bank	273,239.15	273,239.15	273,239.15	273,239.15			0.02	2.250	1		0.000
Subtotal			2,527,153.22	2,527,153.22	2,527,153.22	2,527,153.22			0.19	3.482	1		0.000 †
Report Total			1,445,759,743.15	1,445,942,022.91	1,389,135,317.69	1,390,871,719.85			100.12	4.732	452		1.1905 †

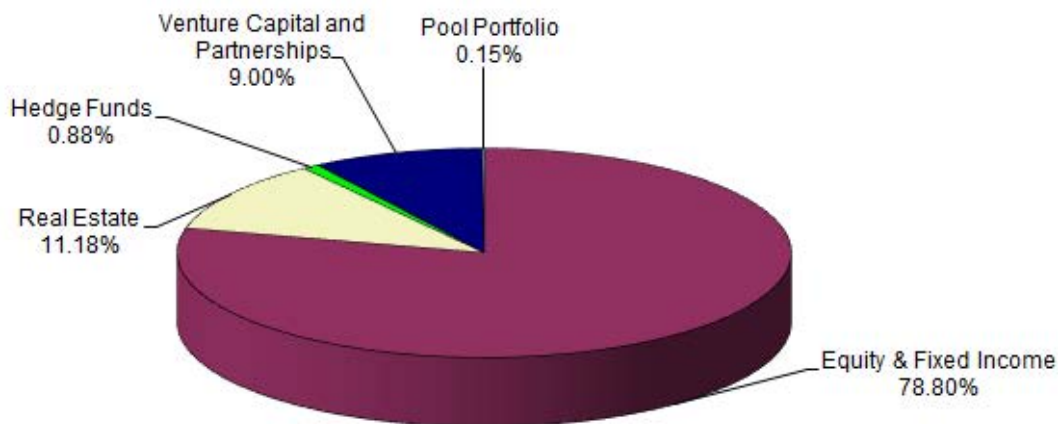
† = Duration can not be calculated on these investments due to incomplete Market price data.

Oakland County
Retirement System

Oakland County Treasurer's Office
Summary of All Investment Balances by Type
 Report as of April 30, 2023

Type	Current Original Cost
Retirement Equity & Fixed	1,667,835,426.86
Retirement Real Estate	236,623,353.23
Hedge Funds	18,578,432.07
Venture Capital and Partnerships	190,465,748.54
Pool Portfolio	3,171,820.70
GRAND TOTALS	<u>2,116,674,781.40</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 April 30, 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	6,534,566.24	
		Totals for Hedge Funds		6,534,566.24
	Retirement Equity & Fixed			
		CS McKee - Fixed	115,531,687.00	
		Fidelity Int Equity	11,631,884.49	
		Franklin Templeton - Fixed	0.00	
		Great Lakes Advisor	13,589,408.99	
		HGK INTL EQ	28,143,550.00	
		JPMorgan Chase	0.00	
		Lazard Asset Management	28,026,307.62	
		Lee Munder	25,224,685.44	
		Loomis Sayles - Fixed	42,683,997.51	
		Loomis Sayles Small Cap	26,951,467.66	
		Marathon Distressed Credit	11,225,085.00	
		Munder Capital Management	0.00	
		Northern Trust	18,981,244.84	
		Nuance Investments	13,377,509.00	
		PICTET International Equity Fu	0.00	
		PIMCO MF	15,457,486.79	
		RBC Global Asset Management (U	0.00	
		Reinhart Partners	11,285,216.08	
		SSGA Index Fund	58,829,829.47	
		Seizert Capital Partner, LLC	0.00	
		T. Rowe Price	64,911,766.39	
		Times Square Capital Managemen	15,343,176.29	
		Wedge Capital Management	0.00	
		Wells Capital Management	15,181,007.39	
		Totals for Retirement Equity & Fixed		516,375,309.96
	Retirement Real Estate			
		AEW PARTNERS RE VII	1,241,775.00	
		Alidade Capital Fund IV, LP	4,415,672.00	
		DUNE REAL ESTATE	3,899,685.00	
		JPMorgan European Property Fun	68,244.79	
		Morgan Stanley Prime Fund	43,549,316.17	
		Prudential -Prissa II	15,472,049.17	
		ValStone	1,825,537.00	
		Walton Street Real Estate Fund	2,282,412.00	
		Totals for Retirement Real Estate		72,754,691.13
	Venture Capital and Partnerships			
		ABS EM LP	17,729,248.01	
		Alidade Capital Fund IV, LP	1,833,397.37	
		BlackRock IX LP	10,282,719.00	
		Bloomfield Capital V	7,938,587.00	
		Capital Dynamics	578,206.00	
		Churchill Middle Market	3,599,924.00	
		HIG Fund IV	7,982,414.00	
		Hamilton Lane Secondary Fund V	8,367,412.00	
		PASF IV	9,184,660.00	
		Totals for Venture Capital and Partnerships		67,496,567.38
		Totals for Employees' Retirement System		663,161,134.71
73200	VEBA Trust			
	Hedge Funds			
		ABS	12,043,865.83	
		Totals for Hedge Funds		12,043,865.83
	Retirement Equity & Fixed			
		CS McKee - Fixed	246,520,249.67	
		Fidelity Int Equity	20,618,105.95	
		Franklin Templeton - Fixed	0.00	



Oakland County Treasurer's Office

Summary of Investments by Fund, Type, and Issuer

Report as of April 30, 2023

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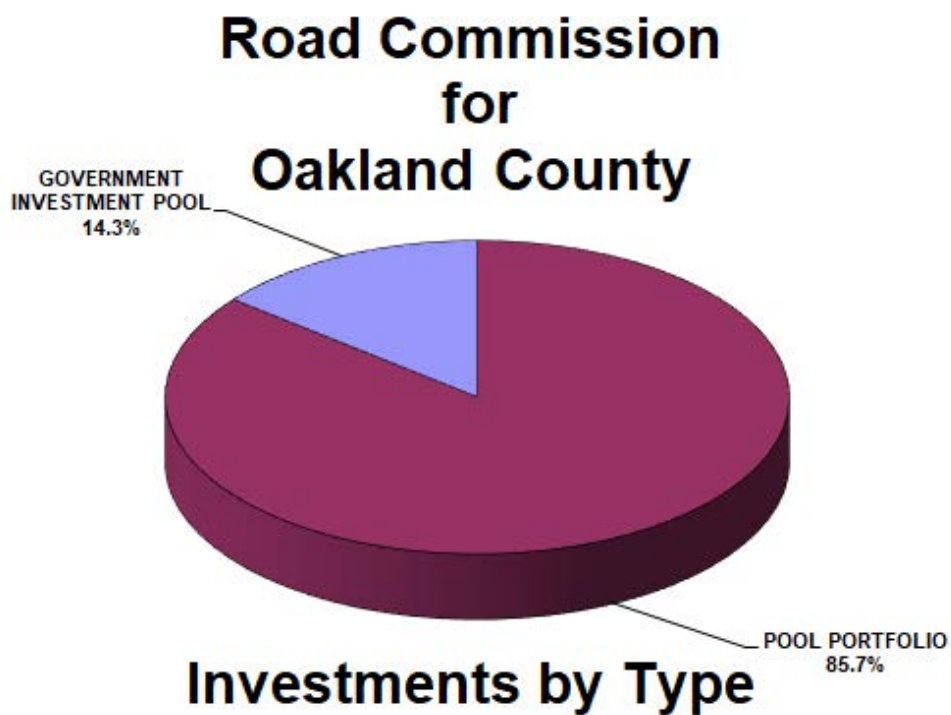
Fund	Type	Issuer	Current Original Cost Issuer Subtotals	Current Original Cost Type & Fund Totals
		HGK INTL EQ	58,632,396.00	
		JPMorgan Chase	0.00	
		Lazard Asset Management	59,651,973.93	
		Lee Munder	52,195,880.35	
		Loomis Sayles - Fixed	126,934,642.62	
		Loomis Sayles Small Cap	53,245,477.86	
		Marathon Distressed Credit	20,846,586.00	
		Munder Capital Management	0.00	
		Northern Trust	29,160,605.56	
		Nuance Investments	24,481,516.42	
		PICTET International Equity Fu	0.00	
		PIMCO MF	44,525,674.53	
		RBC Global Asset Management (U	0.00	
		Reinhart Partners	27,059,682.71	
		SSGA Index Fund	130,041,265.41	
		Seizert Capital Partner, LLC	0.00	
		T. Rowe Price	147,347,115.62	
		Times Square Capital Managemen	32,426,911.90	
		Van Mid Core VO	27,954,028.14	
		Wedge Capital Management	0.00	
		Wells Capital Management	30,921,485.57	
		Totals for Retirement Equity & Fixed		1,132,563,598.24
	Retirement Real Estate			
		AEW PARTNERS RE VII	2,483,544.00	
		Alidade Capital Fund IV, LP	2,649,402.00	
		DUNE REAL ESTATE	7,799,387.00	
		Hamilton Lane Secondary Fund V	0.00	
		Macquarie European Infrastruct	35,195.51	
		Macquarie Infrastructure Partn	1.00	
		Morgan Stanley Prime Fund	84,723,234.97	
		Prudential -Prissa II	58,874,767.62	
		ValStone	2,738,307.00	
		Walton Street Real Estate Fund	4,564,823.00	
		Totals for Retirement Real Estate		163,868,662.10
	Venture Capital and Partnerships			
		ABS EM LP	32,006,314.00	
		Alidade Capital Fund IV, LP	5,497,867.00	
		BlackRock IX LP	17,137,866.00	
		Bloomfield Capital V	15,052,032.00	
		Capital Dynamics	1,734,617.16	
		Churchill Middle Market	5,999,874.00	
		HIG Fund IV	14,824,483.00	
		Hamilton Lane Secondary Fund V	14,642,975.00	
		PASF IV	16,073,153.00	
		Totals for Venture Capital and Partnerships		122,969,181.16
		Totals for VEBA Trust		1,431,445,307.33
73310	Superseding Trust			
	Retirement Equity & Fixed			
		CS McKee - Fixed	7,052,394.31	
		JPMorgan Chase	0.00	
		SSGA Index Fund	11,844,124.35	
		Totals for Retirement Equity & Fixed		18,896,518.66
		Totals for Superseding Trust		18,896,518.66
GRAND TOTALS:				2,113,502,960.70

Road Commission
For
Oakland County



Oakland County Treasurer's Office
Summary of All Investment Balances by Type
Report as of April 30, 2023

Type	Current Original Cost
Governmental Investment Pool	14,121,931.30
Pool Portfolio	84,737,203.34
GRAND TOTALS:	<u>98,859,134.64</u>





Oakland County Treasurer's Office
Summary of Investments by Fund, Type, and Issuer
Report as of April 30, 2023

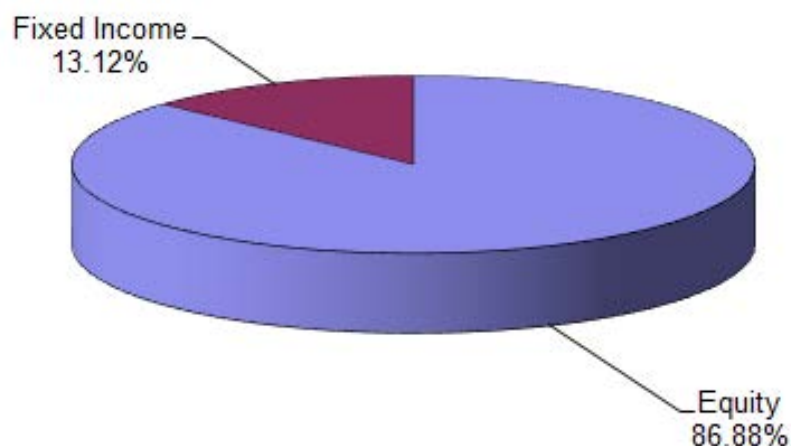
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Fund	Type	Issuer	Current Original Cost Issuer Subtotals	Current Original Cost Type & Fund Totals
95210	Road Commission Fund			
	Governmental Investment Pool			
		Flagstar Bank	306,163.71	
		Imprest Cash	2,800.00	
		Totals for Governmental Investment Pool		308,963.71
		Totals for Road Commission Fund		308,963.71
95211	Road Commission Special Assmnt			
	Governmental Investment Pool			
		Federated Investors	9,953,082.31	
		Totals for Governmental Investment Pool		9,953,082.31
		Totals for Road Commission Special Assmnt		9,953,082.31
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:				14,121,931.30

Oakland County Treasurer's Office
Summary of All Investment Balances by Type
 Report as of April 30, 2023

Type	Current Original Cost
Retirement Equity & Fixed	271,670,877.16
GRAND TOTALS:	271,670,877.16

Road Commission Retirement



Retirement Investments by Type



Oakland County Treasurer's Office
Summary of Investments by Fund, Type, and Issuer
Report as of April 30, 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	126,977,701.73	
		Cumberland Advisors Inc fixed	29,365,608.24	
		Harding Loevner LP Intl	16,041,928.26	
		LS Investment Advisors LLC	1,102.35	
		RE Principal Enhanced Proper	26,539,058.22	
		Receipt & Disburse Cash Acct	1,588,453.45	
		Rothschild Asset Management	0.00	
		Totals for Retirement Equity & Fixed		200,513,852.25
		Totals for Road Commission Retirement		200,513,852.25
95235	Road Commission Retiree Health			
	Retirement Equity & Fixed			
		American Realty	4,581,229.35	
		Cash Account	4,689,931.65	
		Commingled Mutual Fund Acct	42,279,026.70	
		Garcia Hamilton & Associates	14,821,519.97	
		Harding Loevner LP Intl	4,785,317.24	
		Totals for Retirement Equity & Fixed		71,157,024.91
		Totals for Road Commission Retiree Health		71,157,024.91
GRAND TOTALS:				271,670,877.16