

**Clackamas County TimeFrame Portfolios - 2025 Asset Allocations**

Asset Class	Fund Ticker	Expense Ratio	Income	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060	2065	2070
<b>U.S. Large Cap</b>				18%	21%	22%	23%	24%	27%	29%	30%	31%	31%	31%	31%	31%
JPMorgan Equity Income R6	OIEJX	0.45%	4%	4%	4%	5%	5%	5%	6%	6%	6%	6%	6%	6%	6%	6%
Parnassus Core Equity Institutional	PRILX	0.61%	2%	3%	3%	3%	3%	4%	4%	4%	4%	4%	4%	4%	4%	4%
Vanguard Institutional Index I	VINIX	0.04%	12%	14%	15%	15%	16%	18%	19%	20%	21%	21%	21%	21%	21%	21%
<b>U.S. Mid Cap</b>				4%	6%	7%	7%	9%	11%	14%	16%	17%	18%	20%	20%	20%
T. Rowe Price Mid-Cap Growth I	RPTIX	0.63%	2%	2%	3%	3%	4%	4%	6%	6%	7%	7%	8%	8%	8%	8%
Vanguard Mid Cap Index Institutional	VMCIX	0.04%	2%	4%	4%	4%	5%	7%	8%	10%	10%	11%	12%	12%	12%	12%
<b>U.S. Small Cap</b>				1%	3%	3%	4%	5%	7%	10%	12%	13%	15%	16%	18%	18%
JPMorgan Small Cap Equity R6	VSENX	0.75%	1%	2%	2%	3%	3%	5%	6%	8%	8%	9%	10%	11%	11%	11%
Vanguard Small Cap Index I	VSCIX	0.04%	0%	1%	1%	1%	2%	2%	4%	4%	5%	6%	6%	7%	7%	7%
<b>International Equity</b>				8%	9%	11%	12%	12%	16%	18%	20%	22%	23%	24%	25%	26%
Vanguard Developed Markets Index	VTMNX	0.03%	4%	5%	6%	6%	6%	8%	8%	10%	10%	11%	12%	12%	13%	13%
Trillium ESG Global Equity Institutional	PORIX	0.99%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Dodge & Cox International Stock I	DODFX	0.62%	1%	2%	2%	3%	3%	4%	4%	4%	5%	5%	5%	5%	5%	5%
American Funds Europacific Growth	RERGX	0.47%	2%	1%	2%	2%	2%	2%	3%	3%	4%	4%	4%	5%	5%	5%
Invesco Developing Markets R6	ODVIX	0.88%	1%	1%	1%	1%	1%	2%	3%	3%	3%	3%	3%	3%	3%	3%
<b>Specialty</b>				0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Northern Global Real Estate Index	NGREX	0.47%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>Intermediate Duration Fixed Income</b>				34%	35%	34%	33%	32%	28%	23%	18%	14%	11%	7%	5%	4%
Loomis Sayles Investment Grade Bc	LGBNX	0.44%	17%	18%	18%	17%	17%	15%	12%	10%	8%	6%	4%	3%	2%	2%
Calvert Bond I	CBDIX	0.01	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vanguard Total Bond Market Index I	VBTIX	0.03%	17%	17%	16%	16%	15%	13%	11%	8%	6%	5%	3%	2%	2%	2%
PGIM High Yield R6	PHYQX	0.38%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>Global Hedged</b>				8%	8%	8%	8%	8%	7%	5%	4%	3%	2%	2%	1%	1%
Vanguard Total Intl Bd Idx Institution	VTIFX	0.06%	8%	8%	8%	8%	8%	7%	5%	4%	3%	2%	2%	1%	1%	1%
<b>Liquid Assets</b>				27%	18%	15%	13%	10%	4%	1%	0%	0%	0%	0%	0%	0%
Voya Stable Value 35	VOYASV35	0.35%	27%	18%	15%	13%	10%	4%	1%	0%	0%	0%	0%	0%	0%	0%

Model Summary Statistics																
Equity:	31%	39%	43%	46%	50%	61%	71%	78%	83%	87%	91%	94%	95%	95%		
Fixed Income:	69%	61%	57%	54%	50%	39%	29%	22%	17%	13%	9%	6%	5%	5%		
% Active	57%	51%	50%	50%	48%	45%	45%	44%	45%	44%	44%	45%	44%	44%		
% Passive	43%	49%	50%	50%	52%	55%	55%	56%	55%	56%	56%	55%	56%	56%		
Expense:	0.26%	0.25%	0.25%	0.26%	0.25%	0.26%	0.28%	0.28%	0.29%	0.29%	0.29%	0.30%	0.29%	0.29%		



**Clackamas County TimeFrame Portfolios - 2024 Asset Allocations**

Asset Class	Fund Ticker	Expense Ratio	Income	2005	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060	2065
<b>U.S. Large Cap</b>			18%	20%	21%	22%	23%	24%	27%	29%	30%	31%	31%	31%	31%	31%
JPMorgan Equity Income R6	OIEJX	0.45%	4%	4%	4%	4%	5%	5%	5%	6%	6%	6%	6%	6%	6%	6%
Parnassus Core Equity Institutional	PRILX	0.61%	2%	3%	3%	3%	3%	3%	4%	4%	4%	4%	4%	4%	4%	4%
Vanguard Institutional Index I	VINIX	0.04%	12%	13%	14%	15%	15%	16%	18%	19%	20%	21%	21%	21%	21%	21%
<b>U.S. Mid Cap</b>			4%	5%	6%	7%	7%	9%	11%	14%	16%	17%	18%	20%	20%	20%
T. Rowe Price Mid-Cap Growth I	RPTIX	0.63%	2%	2%	2%	3%	3%	4%	4%	6%	6%	7%	7%	8%	8%	8%
Vanguard Mid Cap Index Institutional	VMCIX	0.04%	2%	3%	4%	4%	4%	5%	7%	8%	10%	10%	11%	12%	12%	12%
<b>U.S. Small Cap</b>			1%	2%	3%	3%	4%	5%	7%	10%	12%	13%	15%	16%	18%	18%
JPMorgan Small Cap Equity R6	VSENX	0.75%	1%	2%	2%	2%	3%	3%	5%	6%	8%	8%	9%	10%	11%	11%
Vanguard Small Cap Index I	VSCIX	0.04%	0%	0%	1%	1%	1%	2%	2%	4%	4%	5%	6%	6%	7%	7%
<b>International Equity</b>			8%	9%	10%	12%	13%	14%	18%	20%	21%	23%	24%	25%	25%	26%
Vanguard Developed Markets Index	VTMNX	0.03%	4%	5%	5%	6%	6%	7%	9%	9%	10%	10%	11%	12%	12%	13%
Trillium ESG Global Equity Institutional	PORIX	0.99%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Dodge & Cox International Stock I	DODFX	0.62%	1%	1%	2%	2%	3%	3%	4%	4%	4%	5%	5%	5%	5%	5%
American Funds Europacific Growth	RERGX	0.47%	2%	2%	2%	3%	3%	3%	3%	4%	4%	5%	5%	5%	5%	5%
Invesco Developing Markets R6	ODVIX	0.88%	1%	1%	1%	1%	1%	1%	2%	3%	3%	3%	3%	3%	3%	3%
<b>Specialty</b>			0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Northern Global Real Estate Index	NGREX	0.47%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>Intermediate Duration Fixed Income</b>			34%	34%	34%	33%	32%	31%	27%	22%	17%	13%	10%	6%	5%	4%
Loomis Sayles Investment Grade Bc	LGBNX	0.44%	17%	17%	17%	17%	16%	16%	14%	11%	9%	7%	5%	3%	3%	2%
Calvert Bond I	CBDIX	0.01	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Vanguard Total Bond Market Index I	VBPIX	0.03%	17%	17%	17%	16%	16%	15%	13%	11%	8%	6%	5%	3%	2%	2%
PGIM High Yield R6	PHYQX	0.38%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
<b>Global Hedged</b>			8%	8%	8%	8%	8%	8%	7%	5%	4%	3%	2%	2%	1%	1%
Vanguard Total Intl Bd Idx Institution	VTIFX	0.06%	8%	8%	8%	8%	8%	8%	7%	5%	4%	3%	2%	2%	1%	1%
<b>Liquid Assets</b>			27%	22%	18%	15%	13%	9%	3%	0%	0%	0%	0%	0%	0%	0%
Voya Stable Value 35	VOYASV35	0.35%	27%	22%	18%	15%	13%	9%	3%	0%	0%	0%	0%	0%	0%	0%

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% Passive	43%	46%	49%	50%	50%	53%	56%	56%	56%	55%	56%	56%	55%	56%		
Expense:	0.26%	0.26%	0.25%	0.25%	0.26%	0.25%	0.26%	0.27%	0.28%	0.29%	0.29%	0.29%	0.30%	0.29%		