

## Calamos Funds Portfolio Data as of 07/31/19 (unaudited)

**This presentation is for informational purposes only and should not be substituted for fiscal quarter-end portfolio holdings filed with the SEC. These holdings include securities and cash equivalents.**

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Date	Fund Name	Security Name	Ticker	Investment Type Name	Major Industry Name	Issue Country Name	Local Currency Name	Shares/Par Value	Local Market Value	Base Market Value	Percent of Investments	Interest Rate	Maturity Date
07/31/19	Calamos High Income Opportunities Fund	Fidelity Prime Money Market Fund - Institutional Class, 2.510%	FPMXX US	Short Term Investments	Other	United States of America (The)	US Dollar	1,662,053	1,662,551	1,662,551	3.64%		
07/31/19	Calamos High Income Opportunities Fund	Morgan Stanley Institutional Liquidity Funds - Government Portfolio, 2.330%	MVROXX US	Short Term Investments	Other	United States of America (The)	US Dollar	1,661,671	1,661,671	1,661,671	3.63%		
07/31/19	Calamos High Income Opportunities Fund	Teva Pharmaceutical Finance Netherlands III, BV	AS3202792	Corporate Bonds	Health Care	Netherlands (The)	US Dollar	600,000	556,938	556,938	1.22%	6.000%	04/15/24
07/31/19	Calamos High Income Opportunities Fund	Embarras Corp.	EH202562	Corporate Bonds	Communication Services	United States of America (The)	US Dollar	552,000	537,282	537,282	1.18%	7.995%	06/02/16
07/31/19	Calamos High Income Opportunities Fund	Immactax Finance, PLC	ES0288469	Corporate Bonds	Communication Services	United Kingdom	US Dollar	450,000	454,757	454,757	0.99%	4.875%	09/15/22
07/31/19	Calamos High Income Opportunities Fund	CCO Holdings, LLC / CCO Holdings Capital Corp.	AM1957944	Corporate Bonds	Consumer Discretionary	United States of America (The)	US Dollar	430,000	444,207	444,207	0.97%	5.125%	05/01/27
07/31/19	Calamos High Income Opportunities Fund	Sciro Corp.	EKS536603	Corporate Bonds	Communication Services	United States of America (The)	US Dollar	370,000	412,063	412,063	0.90%	7.875%	09/15/23
07/31/19	Calamos High Income Opportunities Fund	Ally Financial, Inc.	ENH727622	Corporate Bonds	Financials	United States of America (The)	US Dollar	370,000	361,492	361,492	0.79%	8.000%	11/01/21
07/31/19	Calamos High Income Opportunities Fund	PeSmart, Inc.	BL226788	Bank Loans	Consumer Discretionary	United States of America (The)	US Dollar	361,995	356,011	356,011	0.78%	8.000%	03/11/22
07/31/19	Calamos High Income Opportunities Fund	CSC Holdings, LLC	Q25134049	Corporate Bonds	Communication Services	United States of America (The)	US Dollar	335,000	352,541	352,541	0.77%	5.500%	04/15/27
07/31/19	Calamos High Income Opportunities Fund	Aradaj Packaging Finance, PLC / Aradaj Holdings USA, Inc.	AM2251891	Corporate Bonds	Materials	Ireland	US Dollar	335,000	346,507	346,507	0.76%	6.000%	02/15/25
07/31/19	Calamos High Income Opportunities Fund	Sprint Corp.	EK553785	Corporate Bonds	Communication Services	United States of America (The)	US Dollar	310,000	338,003	338,003	0.74%	7.125%	06/15/24
07/31/19	Calamos High Income Opportunities Fund	Bausch Health Cos., Inc.	AO2932324	Corporate Bonds	Health Care	United States of America (The)	US Dollar	300,000	335,616	335,616	0.73%	9.000%	12/15/25
07/31/19	Calamos High Income Opportunities Fund	Bausch Health Americas, Inc.	AO5706890	Corporate Bonds	Health Care	United States of America (The)	US Dollar	295,000	325,636	325,636	0.71%	8.500%	01/31/27
07/31/19	Calamos High Income Opportunities Fund	Allice Finance, SA	JK704489	Corporate Bonds	Communication Services	France	US Dollar	300,000	318,060	318,060	0.70%	7.375%	09/01/26
07/31/19	Calamos High Income Opportunities Fund	AssuredPartners, Inc.	AO5489767	Corporate Bonds	Financials	United States of America (The)	US Dollar	315,000	316,630	316,630	0.69%	7.000%	08/15/25
07/31/19	Calamos High Income Opportunities Fund	MettLife, Inc.	EG0518480	Corporate Bonds	Financials	United States of America (The)	US Dollar	240,000	301,302	301,302	0.66%	6.400%	12/15/16
07/31/19	Calamos High Income Opportunities Fund	CSC Community Health Systems, Inc.	AT2003405	Corporate Bonds	Health Care	United States of America (The)	US Dollar	388,000	297,961	297,961	0.65%	8.125%	06/30/24
07/31/19	Calamos High Income Opportunities Fund	PBF Holding Company, LLC / PBF Finance Corp.	APF541254	Corporate Bonds	Materials	United States of America (The)	US Dollar	275,000	287,588	287,588	0.63%	7.250%	06/15/25
07/31/19	Calamos High Income Opportunities Fund	Nationalstar Mortgage, LLC / Nationalstar Capital Corp.	EJ6935450	Corporate Bonds	Financials	United States of America (The)	US Dollar	285,000	284,853	284,853	0.62%	6.500%	07/01/21
07/31/19	Calamos High Income Opportunities Fund	Elonoro Retail, Inc.	AD333863	Corporate Bonds	Consumer Discretionary	United States of America (The)	US Dollar	270,000	284,483	284,483	0.62%	6.000%	04/01/25
07/31/19	Calamos High Income Opportunities Fund	JBS USA LUX, SA / JBS USA Finance, Inc.	EK0341374	Corporate Bonds	Consumer Staples	United States of America (The)	US Dollar	270,000	277,756	277,756	0.61%	5.875%	05/15/27
07/31/19	Calamos High Income Opportunities Fund	NuStar Energy, LP	EP0521416	Convertible Preferred Stocks	Energy	United States of America (The)	US Dollar	12,850	274,348	274,348	0.60%		
07/31/19	Calamos High Income Opportunities Fund	Genworth Financial, Inc.	BL2038221	Bank Loans	Financials	United States of America (The)	US Dollar	271,563	274,208	274,208	0.60%		03/07/23
07/31/19	Calamos High Income Opportunities Fund	Jefferies Finance, LLC	AG3684948	Corporate Bonds	Financials	United States of America (The)	US Dollar	275,000	271,774	271,774	0.59%	7.250%	08/15/24
07/31/19	Calamos High Income Opportunities Fund	Acure, LLC / Acure Finance, Inc.	AP7885183	Corporate Bonds	Financials	United States of America (The)	US Dollar	295,000	270,996	270,996	0.59%	7.000%	11/15/25
07/31/19	Calamos High Income Opportunities Fund	Dana, Inc.	EK6430731	Corporate Bonds	Consumer Discretionary	United States of America (The)	US Dollar	263,000	268,372	268,372	0.59%	5.500%	12/15/24
07/31/19	Calamos High Income Opportunities Fund	Health Care Select, Inc.	AP0590560	Corporate Bonds	Health Care	United States of America (The)	US Dollar	285,000	265,221	265,221	0.58%	5.125%	08/15/27
07/31/19	Calamos High Income Opportunities Fund	Weight Watchers International, Inc.	BL2563049	Bank Loans	Consumer Discretionary	United States of America (The)	US Dollar	367,760	266,255	266,255	0.58%		11/29/24
07/31/19	Calamos High Income Opportunities Fund	H&E Equipment Services, Inc.	AR3839594	Corporate Bonds	Industrials	United States of America (The)	US Dollar	255,000	262,396	262,396	0.57%	5.625%	09/01/25
07/31/19	Calamos High Income Opportunities Fund	Critical Clinical Diagnostics, SA	BL2740449	Bank Loans	Health Care	United States of America (The)	US Dollar	288,125	260,920	260,920	0.57%	6.625%	06/30/25
07/31/19	Calamos High Income Opportunities Fund	Sarda World Securities Corp.	EJ9072376	Corporate Bonds	Financials	Canada	US Dollar	357,000	258,448	258,448	0.57%	7.250%	11/15/21
07/31/19	Calamos High Income Opportunities Fund	Ardagh Midco 3, PLC	AM7555351	Corporate Bonds	Financials	United Kingdom	US Dollar	275,000	258,181	258,181	0.57%	8.625%	07/15/23
07/31/19	Calamos High Income Opportunities Fund	L Brands, Inc.	JK0299725	Corporate Bonds	Consumer Discretionary	United States of America (The)	US Dollar	285,000	254,816	254,816	0.56%	6.875%	11/01/19
07/31/19	Calamos High Income Opportunities Fund	Bausch Health Americas, LLC	BL2644900	Corporate Bonds	Health Care	United States of America (The)	US Dollar	272,186	253,084	253,084	0.55%		
07/31/19	Calamos High Income Opportunities Fund	Bausch Health Americas, Inc.	BL2071110	Bank Loans	Health Care	Canada	US Dollar	249,480	250,665	250,665	0.55%		06/02/25
07/31/19	Calamos High Income Opportunities Fund	PL Capital Funding, Inc.	EG2813475	Corporate Bonds	Utilities	United States of America (The)	US Dollar	265,000	240,839	240,839	0.53%	4.995%	03/30/27
07/31/19	Calamos High Income Opportunities Fund	Health Care Select, Inc.	AP1859226	Corporate Bonds	Health Care	United States of America (The)	US Dollar	340,000	241,617	241,617	0.53%	6.000%	04/15/25
07/31/19	Calamos High Income Opportunities Fund	BMC Software Finance, Inc.	BL2725580	Bank Loans	Information Technology	United States of America (The)	US Dollar	248,750	239,760	239,760	0.52%	5.000%	10/02/25
07/31/19	Calamos High Income Opportunities Fund	LPL Holdings, Inc.	AM7506182	Corporate Bonds	Financials	United States of America (The)	US Dollar	230,000	239,474	239,474	0.52%	5.750%	09/15/25
07/31/19	Calamos High Income Opportunities Fund	Team Health Holdings, Inc.	BL2271277	Bank Loans	Health Care	United States of America (The)	US Dollar	270,844	238,116	238,116	0.52%	7.000%	06/30/24
07/31/19	Calamos High Income Opportunities Fund	Naveet Corp.	AM7320442	Corporate Bonds	Financials	United States of America (The)	US Dollar	225,000	235,599	235,599	0.52%	6.000%	09/15/25
07/31/19	Calamos High Income Opportunities Fund	Iron Mountain, Inc.	AO3812900	Corporate Bonds	Financials	United States of America (The)	US Dollar	230,000	232,565	232,565	0.51%	5.250%	03/15/28
07/31/19	Calamos High Income Opportunities Fund	ARD Securities Finance Sarl	AW0265090	Corporate Bonds	Industrials	Luxembourg	US Dollar	218,287	225,476	225,476	0.49%	8.750%	01/31/23
07/31/19	Calamos High Income Opportunities Fund	Arak Oil Refineries, LLC	AG3539688	Corporate Bonds	Industrials	United States of America (The)	US Dollar	225,000	224,626	224,626	0.49%	6.625%	04/15/27
07/31/19	Calamos High Income Opportunities Fund	Bombardier, Inc.	EK0778815	Corporate Bonds	Industrials	Canada	US Dollar	220,000	224,324	224,324	0.49%	7.500%	03/15/25
07/31/19	Calamos High Income Opportunities Fund	Teva Pharmaceutical Finance Netherlands III, BV	LW9258275	Corporate Bonds	Health Care	Netherlands (The)	US Dollar	255,000	222,314	222,314	0.49%	2.800%	07/21/23
07/31/19	Calamos High Income Opportunities Fund	JBS USA LUX, SA / JBS USA Finance, Inc.	AR0605743	Corporate Bonds	Consumer Staples	United States of America (The)	US Dollar	305,000	221,809	221,809	0.49%	6.750%	01/15/28
07/31/19	Calamos High Income Opportunities Fund	CSC Holdings, LLC	AV1370924	Corporate Bonds	Communication Services	United States of America (The)	US Dollar	300,000	221,020	221,020	0.48%	7.500%	04/01/28
07/31/19	Calamos High Income Opportunities Fund	Malinkredit International Finance, SA	BL2365884	Bank Loans	Health Care	Luxembourg	US Dollar	257,861	220,723	220,723	0.48%		09/24/24
07/31/19	Calamos High Income Opportunities Fund	West Street Merger Sub, Inc.	AD7016147	Corporate Bonds	Health Care	United States of America (The)	US Dollar	340,000	220,512	220,512	0.48%	6.375%	09/01/25
07/31/19	Calamos High Income Opportunities Fund	Continental Game Technology, PLC	AU5677383	Corporate Bonds	Consumer Discretionary	United States of America (The)	US Dollar	200,000	218,510	218,510	0.48%	6.250%	03/15/25
07/31/19	Calamos High Income Opportunities Fund	NaviStar International Corp.	AP8413092	Corporate Bonds	Financials	United States of America (The)	US Dollar	210,000	216,405	216,405	0.47%	6.625%	11/01/25
07/31/19	Calamos High Income Opportunities Fund	Horizon Pharma USA, Inc.	Q23981792	Corporate Bonds	Health Care	United States of America (The)	US Dollar	200,000	215,826	215,826	0.47%	8.500%	11/01/24
07/31/19	Calamos High Income Opportunities Fund	Metrica, Inc.	EK0680794	Corporate Bonds	Industrials	United States of America (The)	US Dollar	205,000	205,394	205,394	0.46%		
07/31/19	Calamos High Income Opportunities Fund	Allice Financing, SA	JK8164537	Corporate Bonds	Communication Services	Luxembourg	US Dollar	200,000	209,749	209,749	0.46%	7.500%	05/15/26
07/31/19	Calamos High Income Opportunities Fund	CSC Holdings, LLC	AV1307993	Corporate Bonds	Communication Services	United States of America (The)	US Dollar	200,000	209,193	209,193	0.46%	5.500%	05/15/26
07/31/19	Calamos High Income Opportunities Fund	United States Cellular Corp.	ED1494809	Corporate Bonds	Communication Services	United States of America (The)	US Dollar	186,000	208,323	208,323	0.46%	6.000%	01/15/28
07/31/19	Calamos High Income Opportunities Fund	Springfield Finance Corp.	AR6759245	Corporate Bonds	Financials	United States of America (The)	US Dollar	185,000	207,139	207,139	0.45%	6.875%	03/15/25
07/31/19	Calamos High Income Opportunities Fund	ACCO Brands Corp.	AL6700754	Corporate Bonds	Industrials	United States of America (The)	US Dollar	200,000	206,105	206,105	0.45%	5.250%	12/15/24
07/31/19	Calamos High Income Opportunities Fund	TransDigm, Inc.	AN0402126	Corporate Bonds	Industrials	United States of America (The)	US Dollar	195,000	205,905	205,905	0.45%	7.500%	02/15/27
07/31/19	Calamos High Income Opportunities Fund	Pf Leasing, Ltd.	AP7884124	Corporate Bonds	Health Care	Ireland	US Dollar	200,000	205,394	205,394	0.45%	5.500%	10/15/24
07/31/19	Calamos High Income Opportunities Fund	Jefferies Finance, LLC / JFN Co-Issuer Corp.	Z56683380	Corporate Bonds	Financials	United States of America (The)	US Dollar	200,000	203,195	203,195	0.44%	6.250%	06/03/26
07/31/19	Calamos High Income Opportunities Fund	Intestek Jackson Holdings, SA	AO20291747	Corporate Bonds	Communication Services	Luxembourg	US Dollar	195,000	202,162	202,162	0.44%	9.250%	07/15/25
07/31/19	Calamos High Income Opportunities Fund	IBEO Group Holdings, SA	QD0043593	Corporate Bonds	Materials	Luxembourg	US Dollar	200,000	200,322	200,322	0.44%	5.625%	08/01/24
07/31/19	Calamos High Income Opportunities Fund	Berry Global, Inc.	BL2994905	Bank Loans	Industrials	United States of America (The)	US Dollar	200,000	200,094	200,094	0.44%		07/01/26
07/31/19	Calamos High Income Opportunities Fund	Intestek Jackson Holdings, SA	BL2593664	Corporate Bonds	Communication Services	Luxembourg	US Dollar	193,900	196,648	196,648	0.43%		01/02/24
07/31/19	Calamos High Income Opportunities Fund	HUB International, Ltd.	BL2683935	Bank Loans	Financials	United States of America (The)	US Dollar	198,000	196,241	196,241	0.43%		04/25/25
07/31/19	Calamos High Income Opportunities Fund	Gray Television, Inc.	AV4380896	Corporate Bonds	Communication Services	United States of America (The)	US Dollar	175,000	191,653	191,653	0.42%	7.000%	05/15/27
07/31/19	Calamos High Income Opportunities Fund	New Media Holdings II, LLC	BL2461830	Bank Loans	Communication Services	United States of America (The)	US Dollar	191,701	191,581	191,581	0.42%		17/04/22
07/31/19	Calamos High Income Opportunities Fund	Nolan Franco, PLC	AD2518055	Corporate Bonds	Consumer Discretionary	United Kingdom	US Dollar	188,979	188,979	188,979	0.42%	5.500%	08/01/2

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07/31/19	Calamos High Income Opportunities Fund	Pur Petroleum, LLC / Pur Petroleum Finance Corp.	AG224392	Corporate Bonds	Energy	United States of America (The)	US Dollar	150,000	149,773	149,773	0.33%	7.750%	12/15/25
07/31/19	Calamos High Income Opportunities Fund	Beacon Roofing Supply, Inc.	AP534701	Corporate Bonds	Industrials	United States of America (The)	US Dollar	150,000	148,932	148,932	0.33%	11.00/25	
07/31/19	Calamos High Income Opportunities Fund	McDermott Technologies Americas, Inc. / McDermott Technology U.S., Inc.	AR871584	Corporate Bonds	Energy	United States of America (The)	US Dollar	180,000	148,456	148,456	0.32%	10.625/24	
07/31/19	Calamos High Income Opportunities Fund	Genesis Energy, LP / Genesis Energy Finance Corp.	AD293121	Corporate Bonds	Energy	United States of America (The)	US Dollar	150,000	148,051	148,051	0.32%	6.250%	05/15/26
07/31/19	Calamos High Income Opportunities Fund	Joid Wire, Inc.	AG306691	Corporate Bonds	Industrials	United States of America (The)	US Dollar	150,000	147,746	147,746	0.32%	6.625/25	12/15/25
07/31/19	Calamos High Income Opportunities Fund	Boyd Gaming Corp.	AT591037	Corporate Bonds	Consumer Discretionary	United States of America (The)	US Dollar	140,000	146,788	146,788	0.32%	6.000%	08/15/26
07/31/19	Calamos High Income Opportunities Fund	Frontier Communications Corp.	E6L29948	Corporate Bonds	Communication Services	United States of America (The)	US Dollar	265,000	146,757	146,757	0.32%	7.625/24	04/15/24
07/31/19	Calamos High Income Opportunities Fund	QDSI DBS Corp.	QD242974	Corporate Bonds	Consumer Discretionary	United States of America (The)	US Dollar	150,000	146,672	146,672	0.32%	7.750%	07/01/26
07/31/19	Calamos High Income Opportunities Fund	Taylor Morrison Communities Corp.	AD251963	Corporate Bonds	Consumer Discretionary	United States of America (The)	US Dollar	140,000	144,852	144,852	0.32%	6.625/25	05/15/22
07/31/19	Calamos High Income Opportunities Fund	T-Mobile USA, Inc.	AG888522	Corporate Bonds	Communication Services	United States of America (The)	US Dollar	140,000	144,424	144,424	0.32%	4.750%	02/01/28
07/31/19	Calamos High Income Opportunities Fund	Lennar Corp.	AS638929	Corporate Bonds	Consumer Discretionary	United States of America (The)	US Dollar	135,000	144,243	144,243	0.32%	5.250%	06/01/26
07/31/19	Calamos High Income Opportunities Fund	Ladder Capital Finance Holdings LLP / Ladder Capital Finance Corp.	AP099586	Corporate Bonds	Financials	United States of America (The)	US Dollar	140,000	143,810	143,810	0.31%	5.250%	10/01/25
07/31/19	Calamos High Income Opportunities Fund	Tenet Healthcare Corp.	AM861546	Corporate Bonds	Health Care	United States of America (The)	US Dollar	140,000	142,827	142,827	0.31%	4.625/24	07/15/24
07/31/19	Calamos High Income Opportunities Fund	Credit Acceptance Corp.	AK022475	Corporate Bonds	Financials	United States of America (The)	US Dollar	130,000	140,487	140,487	0.31%	6.625/25	03/15/26
07/31/19	Calamos High Income Opportunities Fund	Enterprise Products Partners, LP	EPL US	Corporate Bonds	Energy	United States of America (The)	US Dollar	4,645	139,861	139,861	0.31%		00/01/25
07/31/19	Calamos High Income Opportunities Fund	Golden Nugget, Inc.	QZ510790	Corporate Bonds	Industrials	United States of America (The)	US Dollar	135,000	139,328	139,328	0.30%	6.750%	10/15/24
07/31/19	Calamos High Income Opportunities Fund	NuStar Energy, LP	EP051363	Convertible Preferred Stocks	Energy	United States of America (The)	US Dollar	5,717	137,837	137,837	0.30%		
07/31/19	Calamos High Income Opportunities Fund	HUB International, Ltd.	AS270081	Corporate Bonds	Financials	United States of America (The)	US Dollar	135,000	137,530	137,530	0.30%	7.000%	05/01/26
07/31/19	Calamos High Income Opportunities Fund	Golden Nugget, Inc.	AP093646	Corporate Bonds	Industrials	United States of America (The)	US Dollar	130,000	137,207	137,207	0.30%	8.750%	10/01/25
07/31/19	Calamos High Income Opportunities Fund	Hertz Corp.	AM039298	Corporate Bonds	Industrials	United States of America (The)	US Dollar	132,000	137,196	137,196	0.30%	7.625/25	06/01/22
07/31/19	Calamos High Income Opportunities Fund	Magnaolia Oil & Gas Operating, LLC / Magnolia Oil & Gas Finance Corp.	AT1521269	Corporate Bonds	Energy	United States of America (The)	US Dollar	135,000	137,019	137,019	0.30%	6.000%	08/01/26
07/31/19	Calamos High Income Opportunities Fund	Deltek Technologies, PLC	AP082068	Corporate Bonds	Industrials	United States of America (The)	US Dollar	155,000	136,965	136,965	0.30%	5.000%	10/01/25
07/31/19	Calamos High Income Opportunities Fund	Tanocoan, Inc.	AP421634	Corporate Bonds	Energy	United States of America (The)	US Dollar	145,000	136,317	136,317	0.30%	7.500%	01/15/26
07/31/19	Calamos High Income Opportunities Fund	W&T Offshore, Inc.	AU740342	Corporate Bonds	Energy	United States of America (The)	US Dollar	140,000	135,222	135,222	0.30%	9.750%	11/01/23
07/31/19	Calamos High Income Opportunities Fund	Brazos Valley Longhorn, LLC / Brazos Valley Longhorn Finance Corp.	AP584213	Corporate Bonds	Energy	United States of America (The)	US Dollar	145,000	134,810	134,810	0.29%	6.875/25	00/01/25
07/31/19	Calamos High Income Opportunities Fund	ESH Hospitality, Inc.	EK893106	Corporate Bonds	Consumer Discretionary	United States of America (The)	US Dollar	130,000	134,056	134,056	0.29%	5.500%	05/01/25
07/31/19	Calamos High Income Opportunities Fund	Forestal Group, Inc.	ZS032283	Corporate Bonds	Real Estate	United States of America (The)	US Dollar	125,000	133,639	133,639	0.29%	8.000%	04/15/24
07/31/19	Calamos High Income Opportunities Fund	Financial Real Estate Partners, LLC	FR090182	Corporate Bonds	Real Estate	United States of America (The)	US Dollar	130,000	133,256	133,256	0.29%	5.875/25	05/01/25
07/31/19	Calamos High Income Opportunities Fund	United Rentals North America, Inc.	JK9779527	Corporate Bonds	Industrials	United States of America (The)	US Dollar	125,000	133,246	133,246	0.29%	5.875/25	09/15/26
07/31/19	Calamos High Income Opportunities Fund	Bejo Corp.	DD1131836	Corporate Bonds	Communication Services	United States of America (The)	US Dollar	120,000	132,616	132,616	0.29%	7.250%	09/15/27
07/31/19	Calamos High Income Opportunities Fund	Live! Gate Capital Holdings, LLC	AM9050781	Corporate Bonds	Financials	United States of America (The)	US Dollar	125,000	132,086	132,086	0.29%	6.375/25	02/01/24
07/31/19	Calamos High Income Opportunities Fund	Windstream Services, LLC	BL2361465	Corporate Bonds	Bank Loans	United States of America (The)	US Dollar	130,000	131,733	131,733	0.29%		02/17/24
07/31/19	Calamos High Income Opportunities Fund	Transigm, Inc.	AW959800	Corporate Bonds	Industrials	United States of America (The)	US Dollar	125,000	131,406	131,406	0.29%	6.250%	03/15/26
07/31/19	Calamos High Income Opportunities Fund	Twin River Worldwide Holdings, Inc.	Z3926481	Corporate Bonds	Consumer Discretionary	United States of America (The)	US Dollar	125,000	130,893	130,893	0.29%	6.750%	06/01/27
07/31/19	Calamos High Income Opportunities Fund	ARCADIA HOLDINGS, INC.	AQ234456	Corporate Bonds	Consumer Discretionary	United States of America (The)	US Dollar	125,000	130,606	130,606	0.29%	5.000%	03/01/25
07/31/19	Calamos High Income Opportunities Fund	Nexstar Broadcasting, Inc.	LUW849504	Corporate Bonds	Communication Services	United States of America (The)	US Dollar	125,000	130,120	130,120	0.28%	5.625/25	08/01/24
07/31/19	Calamos High Income Opportunities Fund	Brookfield Property REIT, Inc. / BPR Cumulus, LLC / BPR Nimbus, LLC / GGS Seiko, LLC	AG2653708	Corporate Bonds	Financials	United States of America (The)	US Dollar	125,000	129,983	129,983	0.28%	5.750%	05/15/26
07/31/19	Calamos High Income Opportunities Fund	Bentley Systems, Inc.	AG2653708	Corporate Bonds	Consumer Discretionary	United States of America (The)	US Dollar	125,000	129,886	129,886	0.28%	8.250%	05/01/25
07/31/19	Calamos High Income Opportunities Fund	Century Communities, Inc.	ZS5781787	Corporate Bonds	Consumer Discretionary	United States of America (The)	US Dollar	125,000	129,304	129,304	0.28%	6.500%	06/01/27
07/31/19	Calamos High Income Opportunities Fund	Sirius XM Radio, Inc.	A22098038	Corporate Bonds	Consumer Discretionary	United States of America (The)	US Dollar	125,000	128,742	128,742	0.28%	4.625/25	07/15/24
07/31/19	Calamos High Income Opportunities Fund	Prospect Capital Corp.	AM1865909	Convertible Bonds	Financials	United States of America (The)	US Dollar	125,000	128,244	128,244	0.28%	4.950%	07/15/22
07/31/19	Calamos High Income Opportunities Fund	Frontier Communications Corp.	JK9540308	Corporate Bonds	Communication Services	United States of America (The)	US Dollar	220,000	128,105	128,105	0.28%	11.000%	09/15/25
07/31/19	Calamos High Income Opportunities Fund	Albertsons Companies, LLC / Safeway, Inc. / New Albertsons, LP / Albertsons, L	AO181454	Corporate Bonds	Consumer Staples	United States of America (The)	US Dollar	125,000	127,952	127,952	0.28%	5.750%	03/15/25
07/31/19	Calamos High Income Opportunities Fund	Harford Clarke Holdings Corp.	AM3592855	Corporate Bonds	Information Technology	United States of America (The)	US Dollar	150,000	127,500	127,500	0.28%	8.375/25	08/15/22
07/31/19	Calamos High Income Opportunities Fund	Heartland Communications, Inc.	ZS484987	Corporate Bonds	Communication Services	United States of America (The)	US Dollar	130,000	127,000	127,000	0.28%	8.000%	03/01/25
07/31/19	Calamos High Income Opportunities Fund	Intelsat Jackson Holdings, SA	BL2590349	Bank Loans	Communication Services	Luxembourg	US Dollar	125,000	126,531	126,531	0.28%		01/02/24
07/31/19	Calamos High Income Opportunities Fund	Scraps Escrow, Inc.	AZ5747805	Corporate Bonds	Communication Services	United States of America (The)	US Dollar	125,000	126,308	126,308	0.28%	5.875/25	07/15/27
07/31/19	Calamos High Income Opportunities Fund	Centimark Communications, Inc.	AM256070	Corporate Bonds	Communication Services	United States of America (The)	US Dollar	125,000	126,094	126,094	0.28%	8.375/25	03/15/24
07/31/19	Calamos High Income Opportunities Fund	Radian Group, Inc.	A2156431	Corporate Bonds	Financials	United States of America (The)	US Dollar	125,000	125,771	125,771	0.28%	4.875/25	03/15/27
07/31/19	Calamos High Income Opportunities Fund	Herc Holdings, Inc.	A23048792	Corporate Bonds	Industrials	United States of America (The)	US Dollar	125,000	125,407	125,407	0.27%	5.500%	07/15/27
07/31/19	Calamos High Income Opportunities Fund	Navistar International Corp.	BL2552844	Bank Loans	Industrials	United States of America (The)	US Dollar	124,684	125,230	125,230	0.27%	5.750%	11/06/24
07/31/19	Calamos High Income Opportunities Fund	Albertsons, LLC	BL2432989	Corporate Bonds	Consumer Staples	United States of America (The)	US Dollar	124,682	125,072	125,072	0.27%	5.000%	06/15/25
07/31/19	Calamos High Income Opportunities Fund	Global Aircraft Leasing Company, Ltd.	A23629351	Corporate Bonds	Financials	Cayman Islands (The)	US Dollar	125,000	124,316	124,316	0.27%	6.500%	09/15/24
07/31/19	Calamos High Income Opportunities Fund	XPO Logistics, Inc.	AK1320794	Corporate Bonds	Industrials	United States of America (The)	US Dollar	115,000	122,872	122,872	0.27%	6.750%	08/15/24
07/31/19	Calamos High Income Opportunities Fund	Calwest Woods LSA, LLC / Ashton Woods Finance Company	AK2616793	Corporate Bonds	Consumer Discretionary	United States of America (The)	US Dollar	115,000	122,800	122,800	0.27%	9.875/25	08/15/24
07/31/19	Calamos High Income Opportunities Fund	Arcore, Inc.	EK499222	Corporate Bonds	Industrials	United States of America (The)	US Dollar	115,000	121,890	121,890	0.27%	5.125/25	10/01/24
07/31/19	Calamos High Income Opportunities Fund	Magellan Midstream Partners, LP	MMP US	Common Stocks	Energy	United States of America (The)	US Dollar	1,840	121,698	121,698	0.27%		
07/31/19	Calamos High Income Opportunities Fund	Wentz, Inc.	AM488590	Corporate Bonds	Materials	United States of America (The)	US Dollar	121,617	121,617	121,617	0.27%	6.375/25	05/15/25
07/31/19	Calamos High Income Opportunities Fund	Mattel, Inc.	AG3771849	Corporate Bonds	Consumer Discretionary	United States of America (The)	US Dollar	115,000	121,208	121,208	0.27%	6.750%	12/15/25
07/31/19	Calamos High Income Opportunities Fund	Petroleum Geo-Services, ASA	AL905516	Corporate Bonds	Energy	Norway	US Dollar	125,000	121,004	121,004	0.26%	7.375/25	12/15/20
07/31/19	Calamos High Income Opportunities Fund	Essex Technology, LLC	EK842702	Corporate Bonds	Information Technology	United States of America (The)	US Dollar	130,000	118,660	118,660	0.26%	6.000%	06/15/25
07/31/19	Calamos High Income Opportunities Fund	IFC Capital Trust II	EF2120311	Corporate Bonds	Financials	United States of America (The)	US Dollar	160,000	118,480	118,480	0.26%	4.940%	12/21/26
07/31/19	Calamos High Income Opportunities Fund	DCP Midstream Operating, LP	EJ682114	Corporate Bonds	Energy	United States of America (The)	US Dollar	125,000	117,796	117,796	0.26%	5.850%	05/21/43
07/31/19	Calamos High Income Opportunities Fund	Liberty Interactive, LLC	EC7103774	Convertible Bonds	Consumer Discretionary	United States of America (The)	US Dollar	165,000	117,360	117,360	0.26%	7.500%	02/15/30
07/31/19	Calamos High Income Opportunities Fund	ComScore, Inc.	AM9819425	Corporate Bonds	Consumer Discretionary	United States of America (The)	US Dollar	115,000	117,178	117,178	0.26%	5.000%	03/01/24
07/31/19	Calamos High Income Opportunities Fund	Chemiere Energy Partners, LP	AZ4210623	Corporate Bonds	Energy	United States of America (The)	US Dollar	110,000	116,689	116,689	0.26%	5.625/25	10/01/26
07/31/19	Calamos High Income Opportunities Fund	Post Holdings, Inc.	AM4009995	Corporate Bonds	Consumer Staples	United States of America (The)	US Dollar	110,000	114,451	114,451	0.26%	5.750%	03/01/27
07/31/19	Calamos High Income Opportunities Fund	Sprint Communications, Inc.	BL2850070	Corporate Bonds	Communication Services	United States of America (The)	US Dollar	114,888	114,177	114,177	0.26%	5.875/25	02/02/24
07/31/19	Calamos High Income Opportunities Fund	Genetex Health Services, Inc.	BL271880	Bank Loans	Health Care	United States of America (The)	US Dollar	112,903	113,679	113,679	0.25%		07/02/25
07/31/19	Calamos High Income Opportunities Fund	McDermott Tech Americas, Inc.	BL2604710	Bank Loans	Energy	United States of America (The)	US Dollar	118,500	113,523	113,523	0.25%		05/09/25
07/31/19	Calamos												

## Calamos Funds Portfolio Data as of 07/31/19 (unaudited)

**This presentation is for informational purposes only and should not be substituted for fiscal quarter-end portfolio holdings filed with the SEC. These holdings include securities and cash equivalents.**

### Important Legal Information

The portfolio data is "as of" the date indicated and may not represent current or future portfolio composition. Portfolio holdings are subject to change daily without notice. Includes cash and cash equivalents and excludes forwards, futures, and swaps. Unlike the fund's regulatory filings, the portfolio data and its presentation in this document are not required to conform to Generally Accepted Accounting Principles (GAAP) and Securities and Exchange Commission (SEC) requirements and are unaudited. Therefore, this information may differ from that information contained in the annual and semi-annual reports to shareholders filed with the SEC on Form N-CSF or Form N-Q. This information does not constitute a recommendation or offer for a particular security, nor should it be taken as a solicitation or recommendation to buy or sell securities or other investments.

Date	Fund Name	Security Name	Ticker	Investment Type Name	Major Industry Name	Issue Country Name	Local Currency Name	Shares/Par Value	Local Market Value	Base Market Value	Percent of Investments	Interest Rate	Maturity Date
07/31/19	Calamos High Income Opportunities Fund	Chesaaron Energy, Inc.	AT178664	Corporate Bonds	Energy	United States of America (The)	US Dollar	145,000	84,315	84,315	0.18%	8.20%	07/15/23
07/31/19	Calamos High Income Opportunities Fund	DISH DBS Corp.	EK678033	Corporate Bonds	Consumer Discretionary	United States of America (The)	US Dollar	90,000	83,644	83,644	0.18%	5.83%	11/15/24
07/31/19	Calamos High Income Opportunities Fund	Albertsons Companies, LLC / Safeway, Inc. / New Albertsons, LP / Albertson's, LLC	AW861731	Corporate Bonds	Consumer Staples	United States of America (The)	US Dollar	75,000	82,663	82,663	0.18%	7.500%	03/15/26
07/31/19	Calamos High Income Opportunities Fund	CCO Holdings, LLC / CCO Holdings Capital Corp.	AO635355	Corporate Bonds	Consumer Discretionary	United States of America (The)	US Dollar	80,000	82,217	82,217	0.18%	5.000%	02/01/28
07/31/19	Calamos High Income Opportunities Fund	Targa Resources Partners, LP / Targa Resources Partners Finance Corp.	AW649724	Corporate Bonds	Energy	United States of America (The)	US Dollar	75,000	81,857	81,857	0.18%	6.500%	07/15/27
07/31/19	Calamos High Income Opportunities Fund	Telecom Italia Capital, SA	EF1097403	Corporate Bonds	Communication Services	Luxembourg	US Dollar	80,000	81,500	81,500	0.18%	6.000%	09/30/34
07/31/19	Calamos High Income Opportunities Fund	Weatherford International, Ltd.	EW3922041	Corporate Bonds	Energy	United States of America (The)	US Dollar	165,000	79,877	79,877	0.17%	6.000%	06/15/23
07/31/19	Calamos High Income Opportunities Fund	New Albertson's, Inc.	EC8287226	Corporate Bonds	Consumer Staples	United States of America (The)	US Dollar	77,000	78,480	78,480	0.17%	8.000%	05/01/31
07/31/19	Calamos High Income Opportunities Fund	Frontier Communications Corp.	JK9640190	Corporate Bonds	Communication Services	United States of America (The)	US Dollar	125,000	78,289	78,289	0.17%	10.500%	09/15/22
07/31/19	Calamos High Income Opportunities Fund	Taylor Morrison Communities, Inc.	AZ7182407	Corporate Bonds	Consumer Discretionary	United States of America (The)	US Dollar	75,000	77,798	77,798	0.17%	5.750%	01/15/28
07/31/19	Calamos High Income Opportunities Fund	Cedar Fair, LP	AZ2111534	Corporate Bonds	Consumer Discretionary	United States of America (The)	US Dollar	75,000	77,519	77,519	0.17%	5.250%	07/15/29
07/31/19	Calamos High Income Opportunities Fund	Parkland Fuel Corp.	AZ3005376	Corporate Bonds	Energy	Canada	US Dollar	75,000	77,432	77,432	0.17%	5.83%	07/15/27
07/31/19	Calamos High Income Opportunities Fund	Waste Pro USA, Inc.	AO8281339	Corporate Bonds	Industrials	United States of America (The)	US Dollar	77,260	77,260	77,260	0.17%	5.500%	02/15/26
07/31/19	Calamos High Income Opportunities Fund	MIS Systems Corp.	AZ5721065	Corporate Bonds	Information Technology	United States of America (The)	US Dollar	75,000	77,186	77,186	0.17%	5.750%	08/15/27
07/31/19	Calamos High Income Opportunities Fund	Gulfport Energy Corp.	AO6542465	Corporate Bonds	Energy	United States of America (The)	US Dollar	100,000	77,095	77,095	0.17%	6.000%	10/15/24
07/31/19	Calamos High Income Opportunities Fund	JPW Industries Holding Corp.	AP7178485	Corporate Bonds	Industrials	United States of America (The)	US Dollar	80,000	76,743	76,743	0.17%	9.000%	10/01/24
07/31/19	Calamos High Income Opportunities Fund	Cumulus Media New Holdings, Inc.	AZ1070269	Corporate Bonds	Communication Services	United States of America (The)	US Dollar	75,000	76,632	76,632	0.17%	6.750%	07/01/26
07/31/19	Calamos High Income Opportunities Fund	Fresh Market, Inc.	JK8297398	Corporate Bonds	Consumer Discretionary	United States of America (The)	US Dollar	100,000	75,812	75,812	0.17%	9.750%	05/01/23
07/31/19	Calamos High Income Opportunities Fund	Arrow Bidco, LLC	AX6555847	Corporate Bonds	Communication Services	United States of America (The)	US Dollar	75,000	75,573	75,573	0.17%	9.500%	03/15/24
07/31/19	Calamos High Income Opportunities Fund	SEIS, LLC	AS2381794	Corporate Bonds	Energy	United States of America (The)	US Dollar	126,000	75,565	75,565	0.17%	7.750%	09/15/24
07/31/19	Calamos High Income Opportunities Fund	Hertz Corp.	EF799654	Corporate Bonds	Industrials	United States of America (The)	US Dollar	75,000	75,669	75,669	0.16%	7.375%	01/15/21
07/31/19	Calamos High Income Opportunities Fund	Bank of America Corp.	FO4680795	Corporate Bonds	Financials	United States of America (The)	US Dollar	70,000	74,527	74,527	0.16%	5.83%	12/31/99
07/31/19	Calamos High Income Opportunities Fund	Consolidated Communications, Inc.	UV8894064	Corporate Bonds	Communication Services	United States of America (The)	US Dollar	72,768	72,768	72,768	0.16%	6.500%	10/01/22
07/31/19	Calamos High Income Opportunities Fund	Par Pharmaceutical, Inc.	AM6876285	Corporate Bonds	Health Care	United States of America (The)	US Dollar	80,000	72,412	72,412	0.16%	7.500%	04/01/27
07/31/19	Calamos High Income Opportunities Fund	Cheapeake Energy Corp.	AS0321498	Corporate Bonds	Energy	United States of America (The)	US Dollar	85,000	72,072	72,072	0.16%	8.000%	05/15/25
07/31/19	Calamos High Income Opportunities Fund	OH/Community Health Systems, Inc.	AM7742191	Corporate Bonds	Health Care	United States of America (The)	US Dollar	71,995	71,995	71,995	0.16%	6.250%	03/31/23
07/31/19	Calamos High Income Opportunities Fund	Rite Aid Corp.	EK6162126	Corporate Bonds	Consumer Discretionary	United States of America (The)	US Dollar	85,000	71,870	71,870	0.16%	6.125%	04/01/23
07/31/19	Calamos High Income Opportunities Fund	Williams-Sonoma Offshore Drilling, Inc.	AZ3785594	Corporate Bonds	Energy	United States of America (The)	US Dollar	75,000	71,524	71,524	0.16%	7.875%	05/15/24
07/31/19	Calamos High Income Opportunities Fund	Denbury Resources, Inc.	AO2692491	Corporate Bonds	Energy	United States of America (The)	US Dollar	70,673	70,673	70,673	0.15%	9.250%	03/31/22
07/31/19	Calamos High Income Opportunities Fund	ONO Financial Group, Inc.	Z58816960	Corporate Bonds	Financials	United States of America (The)	US Dollar	65,000	70,462	70,462	0.15%	5.250%	05/30/29
07/31/19	Calamos High Income Opportunities Fund	Park Aerospace Holdings, Ltd.	AM1203140	Corporate Bonds	Industrials	Ireland	US Dollar	65,000	70,215	70,215	0.15%	5.500%	02/15/24
07/31/19	Calamos High Income Opportunities Fund	Sally Holdings, LLC / Sally Capital, Inc.	QJ8461904	Corporate Bonds	Consumer Discretionary	United States of America (The)	US Dollar	69,800	70,000	70,000	0.15%	5.625%	12/01/25
07/31/19	Calamos High Income Opportunities Fund	United States Steel Corp.	AO5829590	Corporate Bonds	Materials	United States of America (The)	US Dollar	70,000	68,291	68,291	0.15%	6.83%	08/15/25
07/31/19	Calamos High Income Opportunities Fund	R.R. Donnelly & Sons Company	BL2006422	Bank Loans	Consumer Discretionary	United States of America (The)	US Dollar	68,403	67,934	67,934	0.15%	6.000%	01/15/24
07/31/19	Calamos High Income Opportunities Fund	EV Energy Services, LLC / Everest Acquisition Finance, Inc.	AZ27511760	Corporate Bonds	Energy	United States of America (The)	US Dollar	75,000	67,500	67,500	0.15%	7.250%	07/15/24
07/31/19	Calamos High Income Opportunities Fund	Icahn Enterprises, LP / Icahn Enterprises Finance Corp.	Z55228300	Corporate Bonds	Financials	United States of America (The)	US Dollar	64,937	64,937	64,937	0.14%	6.500%	05/15/26
07/31/19	Calamos High Income Opportunities Fund	Scientific Games International, Inc.	AK5408718	Corporate Bonds	Industrials	United States of America (The)	US Dollar	64,346	64,346	64,346	0.14%	8.250%	03/15/26
07/31/19	Calamos High Income Opportunities Fund	Industriale Packaging International, LLC	AZ1226574	Corporate Bonds	Industrials	United States of America (The)	US Dollar	60,000	62,460	62,460	0.14%	4.750%	05/15/25
07/31/19	Calamos High Income Opportunities Fund	Pilgrim's Pride Corp.	EK7883953	Corporate Bonds	Consumer Staples	United States of America (The)	US Dollar	62,112	62,112	62,112	0.14%	5.750%	05/15/25
07/31/19	Calamos High Income Opportunities Fund	Bruin & Partners, LLC	AT6183442	Corporate Bonds	Energy	United States of America (The)	US Dollar	82,000	61,795	61,795	0.14%	8.875%	08/01/23
07/31/19	Calamos High Income Opportunities Fund	Crain Petroleum, Inc.	AS4476579	Corporate Bonds	Energy	United States of America (The)	US Dollar	65,679	61,679	61,679	0.13%	6.500%	05/01/26
07/31/19	Calamos High Income Opportunities Fund	Simmons Foods, Inc.	AF5213024	Corporate Bonds	Consumer Staples	United States of America (The)	US Dollar	65,000	59,724	59,724	0.13%	5.750%	11/01/24
07/31/19	Calamos High Income Opportunities Fund	United Rentals North America, Inc.	AV4223664	Corporate Bonds	Industrials	United States of America (The)	US Dollar	59,659	59,659	59,659	0.13%	6.500%	12/15/26
07/31/19	Calamos High Income Opportunities Fund	MDC Partners, Inc.	JK0345732	Corporate Bonds	Communication Services	United States of America (The)	US Dollar	65,000	59,083	59,083	0.13%	6.500%	05/01/24
07/31/19	Calamos High Income Opportunities Fund	AM General Health Systems, Inc.	AX4549664	Corporate Bonds	Health Care	United States of America (The)	US Dollar	60,000	57,867	57,867	0.13%	8.000%	06/15/26
07/31/19	Calamos High Income Opportunities Fund	Baffland Iron Mines Corp. / Baffland Iron Mines, LP	AT1653340	Corporate Bonds	Materials	Canada	US Dollar	56,994	56,994	56,994	0.12%	8.750%	07/15/26
07/31/19	Calamos High Income Opportunities Fund	Zyvo Group, LLC / Zyvo Capital, Inc.	AM1383448	Corporate Bonds	Communication Services	United States of America (The)	US Dollar	55,000	55,592	55,592	0.12%	5.750%	01/15/27
07/31/19	Calamos High Income Opportunities Fund	SEI Energy Company	QZ9515383	Corporate Bonds	Energy	United States of America (The)	US Dollar	54,169	54,169	54,169	0.12%	6.750%	09/15/26
07/31/19	Calamos High Income Opportunities Fund	AssuredPartners, Inc.	BL2521715	Bank Loans	Financials	United States of America (The)	US Dollar	54,255	54,096	54,096	0.12%	6.000%	10/22/24
07/31/19	Calamos High Income Opportunities Fund	Avolon Holdings Funding, Ltd.	AX4314622	Corporate Bonds	Industrials	Ireland	US Dollar	50,000	53,731	53,731	0.12%	5.250%	05/15/24
07/31/19	Calamos High Income Opportunities Fund	Enterochem Corp.	AZ2021803	Corporate Bonds	Communication Services	United States of America (The)	US Dollar	50,000	52,923	52,923	0.12%	6.500%	05/01/27
07/31/19	Calamos High Income Opportunities Fund	Service Corp. International	Z55252664	Corporate Bonds	Consumer Discretionary	United States of America (The)	US Dollar	52,800	52,800	52,800	0.12%	5.125%	06/01/29
07/31/19	Calamos High Income Opportunities Fund	Enterprise Products Operating, LLC	AR0701557	Corporate Bonds	Energy	United States of America (The)	US Dollar	55,000	52,751	52,751	0.12%	5.375%	02/15/21
07/31/19	Calamos High Income Opportunities Fund	Frontier Communications Corp.	AM647374	Corporate Bonds	Communication Services	United States of America (The)	US Dollar	50,000	52,314	52,314	0.11%	8.000%	04/01/27
07/31/19	Calamos High Income Opportunities Fund	HAAT Holdings, LLC / HAAT Holdings II, LLC	AZ1351128	Corporate Bonds	Industrials	United States of America (The)	US Dollar	50,000	51,900	51,900	0.11%	5.250%	05/15/24
07/31/19	Calamos High Income Opportunities Fund	CDK Global, Inc.	Z54458122	Corporate Bonds	Information Technology	United States of America (The)	US Dollar	50,000	51,978	51,978	0.11%	5.250%	05/15/29
07/31/19	Calamos High Income Opportunities Fund	Talen Energy Supply, LLC	AG0357139	Corporate Bonds	Utilities	United States of America (The)	US Dollar	55,000	51,610	51,610	0.11%	10.500%	01/15/26
07/31/19	Calamos High Income Opportunities Fund	American Airlines Group, Inc.	Z57021784	Corporate Bonds	Industrials	United States of America (The)	US Dollar	51,500	51,500	51,500	0.11%	5.000%	04/15/29
07/31/19	Calamos High Income Opportunities Fund	Hertz Corp.	AZ7182621	Corporate Bonds	Industrials	United States of America (The)	US Dollar	50,000	51,077	51,077	0.11%	5.125%	08/01/26
07/31/19	Calamos High Income Opportunities Fund	Mallico International Finance, SA / MallicoCredit CB, LLC	UV8401621	Corporate Bonds	Health Care	Luxembourg	US Dollar	80,000	50,766	50,766	0.11%	5.625%	10/15/23
07/31/19	Calamos High Income Opportunities Fund	US Airways Pass Through Trust Series 2012-2, Class B	EK6484774	Corporate Bonds	Health Care	United States of America (The)	US Dollar	47,488	50,078	50,078	0.11%	6.000%	12/01/22
07/31/19	Calamos High Income Opportunities Fund	EV Scripps Company	AM6277767	Corporate Bonds	Communication Services	United States of America (The)	US Dollar	49,800	49,800	49,800	0.11%	5.125%	01/15/24
07/31/19	Calamos High Income Opportunities Fund	Team Health Holdings, Inc.	AM0070991	Corporate Bonds	Health Care	United States of America (The)	US Dollar	60,000	49,519	49,519	0.11%	6.375%	02/01/25
07/31/19	Calamos High Income Opportunities Fund	Michaels Stores, Inc.	AZ2002883	Corporate Bonds	Consumer Discretionary	United States of America (The)	US Dollar	48,500	48,500	48,500	0.11%	8.000%	07/15/27
07/31/19	Calamos High Income Opportunities Fund	QEP Resources, Inc.	AR9890974	Corporate Bonds	Energy	United States of America (The)	US Dollar	55,000	47,286	47,286	0.10%	5.625%	03/01/26
07/31/19	Calamos High Income Opportunities Fund	Covanta Holding Corp.	AM7264329	Corporate Bonds	Industrials	United States of America (The)	US Dollar	47,104	47,104	47,104	0.10%	5.875%	07/01/25
07/31/19	Calamos High Income Opportunities Fund	Archie Schwab Corp.	AP7403359	Corporate Bonds	Financials	United States of America (The)	US Dollar	45,000	45,500	45,500	0.10%	5.000%	12/31/99
07/31/19	Calamos High Income Opportunities Fund	JBS USA USA, S.A. / JBS USA Food Company / JBS USA Finance, Inc.	AX3748440	Corporate Bonds	Consumer Staples	United States of America (The)	US Dollar	42,800	45,160	45,160	0.10%	6.500%	04/15/29
07/31/19	Calamos High Income Opportunities Fund	Buckeye Partners, LP	AD0365273	Corporate Bonds	Energy	United States of America (The)	US Dollar	50,000	44,612	44,612	0.10%	3.950%	12/01/26
07/31/19	Calamos High Income Opportunities Fund	Tenet Healthcare Corp.	EC5083274	Corporate Bonds	Health Care	United States of America (The)	US Dollar	50,000	44,196	44,196	0.10%	6.875%	11/15/31
07/31/19	Calamos High Income Opportunities Fund	Nine Energy Service, Inc.	AV0365337	Corporate Bonds	Energy	United States of America (The)	US Dollar	45,000	44,018	44,018	0.10%	8.750%	11/01/23
07/31/19	Calamos High												

**Calamos Funds Portfolio Data as of 07/31/19 (unaudited)**

**This presentation is for informational purposes only and should not be substituted for fiscal quarter-end portfolio holdings filed with the SEC.  
These holdings include securities and cash equivalents.**

**Important Legal Information**

The portfolio data is "as of" the date indicated and may not represent current or future portfolio composition. Portfolio holdings are subject to change daily without notice. Includes cash and cash equivalents and excludes forwards, futures, and swaps. Unlike the fund's regulatory filings, the portfolio data and its presentation in this document are not required to conform to Generally Accepted Accounting Principles (GAAP) and Securities and Exchange Commission (SEC) requirements and are unaudited. Therefore, this information may differ from that information contained in the annual and semi-annual reports to shareholders filed with the SEC on Form N-CSR or Form N-Q. This information does not constitute a recommendation or offer for a particular security, nor should it be taken as a solicitation or recommendation to buy or sell securities or other investments.

Date	Fund Name	Security Name	Ticker	Investment Type Name	Major Industry Name	Issue Country Name	Local Currency Name	Shares/Par Value	Local Market Value	Base Market Value	Percent of Investments	Interest Rate	Maturity Date
07/31/19	Calamos High Income Opportunities Fund	Windstream Services, LLC / Windstream Finance Corp.	EM640223	Corporate Bonds	Communication Services	United States Of America (The)	US Dollar	42,000	11,394	11,394	0.02%	7.250%	10/01/21
07/31/19	Calamos High Income Opportunities Fund	Mattel, Inc.	Q21152285	Corporate Bonds	Consumer Discretionary	United States Of America (The)	US Dollar	5,000	4,913	4,913	0.01%	2.350%	08/15/21