

## Public School Teachers Pension & Retirement Fund of Chicago Manager Detail as of June 30, 2022

The following table summarizes changes in each manager's aggregated cash flows and valuation information as of June 30, 2022.

Manager	Vintage Year	Capital Commitments (\$000s)	Paid-In Capital (\$000s)	Uncalled Capital (\$000s)	% Paid-In	Distributed Capital (\$000s)	Net Asset Value (\$000s)	DPI	RVPI	TVPI	Net IRR
<b>Fund of Funds Developed Manager Program</b>											
1996 BPF Trust	1996-1999	\$4,988	4,869	119	97.61%	9,177	20	1.88x	0.00x	1.89x	14.24%
1998 BPF Trust	1998-2001	\$9,588	9,408	179	98.13%	13,557	66	1.44x	0.01x	1.45x	4.75%
2000 BPF Trust	2000-2003	\$24,628	23,546	1,082	95.61%	39,494	287	1.68x	0.01x	1.69x	7.22%
2001 BPF Trust	2001-2004	\$34,669	33,071	1,598	95.39%	58,456	690	1.77x	0.02x	1.79x	8.68%
2001 BPF Non-US Trust	2001-2005	\$14,422	13,958	464	96.78%	26,793	316	1.92x	0.02x	1.94x	12.17%
2005 ASP US Fund	2005-2008	\$7,000	6,646	354	94.95%	10,406	305	1.57x	0.05x	1.61x	7.13%
2005 ASP Non-US Fund	2005-2008	\$3,000	2,852	148	95.05%	3,745	113	1.31x	0.04x	1.35x	4.54%
2007 ASP Non-US Secondary	2007-2011	\$5,000	4,921	248	98.42%	6,922	966	1.41x	0.20x	1.60x	7.25%
2008 ASP Direct Fund	2008	\$1,000	975	25	97.49%	2,126	518	2.18x	0.53x	2.71x	15.51%
2008 ASP US Fund	2008-2012	\$5,000	4,654	346	93.07%	9,228	1,929	1.98x	0.41x	2.40x	16.28%
2008 ASP Non-US Fund	2008-2012	\$14,000	12,786	1,214	91.33%	18,371	6,477	1.44x	0.51x	1.94x	11.25%
2009 ASP Co-Invest II	2009	\$10,000	9,593	407	95.93%	17,600	6,418	1.83x	0.67x	2.50x	24.90%
2010 ASP Direct Fund	2010	\$2,000	1,922	78	96.10%	2,654	1,030	1.38x	0.54x	1.92x	12.32%
2010 ASP US Fund	2010-2014	\$10,000	8,810	1,190	88.10%	15,479	7,375	1.76x	0.84x	2.59x	17.41%
2010 ASP Developed Non-US	2010-2014	\$6,000	5,403	597	90.05%	7,227	3,114	1.34x	0.58x	1.91x	13.23%
2010 ASP Emerging Non-US	2010-2014	\$2,000	1,796	204	89.80%	1,697	2,087	0.95x	1.16x	2.11x	11.66%
2011 ASP Direct Fund	2011	\$2,000	1,850	150	92.51%	2,457	1,369	1.33x	0.74x	2.07x	14.33%
2011 ASP US Fund	2011-2014	\$10,000	8,695	1,305	86.95%	14,000	8,009	1.61x	0.92x	2.53x	17.29%
2011 ASP Developed Non-US	2011-2014	\$6,000	5,043	957	84.05%	6,421	3,959	1.27x	0.79x	2.06x	14.74%
2011 ASP Emerging Non-US	2011-2014	\$2,000	1,743	257	87.15%	1,854	2,307	1.06x	1.32x	2.39x	14.14%
2012 ASP Global Fund	2012-2015	\$15,000	13,460	1,540	89.73%	14,435	14,856	1.07x	1.10x	2.18x	15.22%
2012 ASP Global Secondary 5	2012-2017	\$30,000	23,134	6,866	77.11%	21,681	9,419	0.94x	0.41x	1.34x	6.57%
2013 ASP Global Fund	2013-2016	\$25,000	22,749	2,251	91.00%	19,196	31,456	0.84x	1.38x	2.23x	16.25%
2014 Co-Investment Fund III	2014	\$10,000	8,842	1,158	88.42%	7,762	13,229	0.88x	1.50x	2.37x	20.35%
2014 ASP Global Fund	2014-2017	\$20,000	18,271	1,729	91.35%	14,061	27,370	0.77x	1.50x	2.27x	18.41%
2015 Direct Venture/Growth Fund	2015	\$2,000	1,735	265	86.73%	227	1,844	0.13x	1.06x	1.19x	3.87%
2015 ASP US Fund	2015-2017	\$11,000	9,703	1,297	88.21%	6,261	16,007	0.65x	1.65x	2.29x	29.50%
2015 ASP International Fund	2015-2017	\$7,000	5,934	1,066	84.77%	4,712	10,998	0.79x	1.85x	2.65x	32.26%
2016 ASP Venture Innovation	2016-2018	\$10,000	8,805	1,195	88.05%	4,105	25,045	0.47x	2.84x	3.31x	47.16%
2016 ASP US SMB Fund	2016-2019	\$15,000	11,175	3,825	74.50%	1,929	23,624	0.17x	2.11x	2.29x	30.48%
2018 ASP Lake Lasalle Fund	2018-2021	\$200,000	111,500	88,500	55.75%	6,000	148,403	0.05x	1.33x	1.38x	27.99%
2021 ASP Lake Lasalle Fund II	2021-2022	\$200,000	13,200	186,800	6.60%	0	11,219	0.00x	0.85x	0.85x	NM
<b>Total ASP</b>		<b>\$718,295</b>	<b>411,051</b>	<b>307,413</b>	<b>57.23%</b>	<b>368,034</b>	<b>380,826</b>	<b>0.90x</b>	<b>0.93x</b>	<b>1.82x</b>	<b>11.87%</b>
Pantheon USA III	1998-2000	\$35,000	34,230	770	97.80%	38,255	232	1.12x	0.01x	1.12x	1.90%
Pantheon Europe II	2000-2004	\$18,648	18,289	359	98.07%	33,682	4	1.84x	0.00x	1.84x	18.30%
Pantheon USA IV	2000-2005	\$35,000	34,370	630	98.20%	54,495	420	1.59x	0.01x	1.60x	10.20%
Pantheon Asia V	2006-2011	\$5,000	4,678	322	93.55%	6,222	807	1.33x	0.17x	1.50x	7.40%
Pantheon Europe VI	2007-2013	\$8,686	8,282	404	95.35%	12,785	2,073	1.54x	0.25x	1.79x	10.40%
Pantheon Global Annual Series 2014	2014-2018	\$30,000	23,356	6,644	77.85%	7,515	34,499	0.32x	1.48x	1.80x	18.50%
Pantheon Select Access Fd	2017-2022	\$25,000	15,015	9,985	60.06%	1,900	18,815	0.13x	1.25x	1.38x	19.70%
<b>Total Pantheon</b>		<b>\$157,333</b>	<b>138,219</b>	<b>19,114</b>	<b>87.85%</b>	<b>154,854</b>	<b>56,850</b>	<b>1.12x</b>	<b>0.41x</b>	<b>1.53x</b>	<b>8.30%</b>

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The following table summarizes changes in each manager's aggregated cash flows and valuation information as of June 30, 2022.

Manager	Vintage Year	Capital Commitments (\$000s)	Paid-In Capital (\$000s)	Uncalled Capital (\$000s)	% Paid-In	Distributed Capital (\$000s)	Net Asset Value (\$000s)	DPI	RVPI	TVPI	Net IRR
HVP Buyouts 6	1999-2003	\$60,000	57,300	2,700	95.50%	105,891	0	1.85x	0.00x	1.85x	12.00%
HVP Partnerships 6	1999-2005	\$40,000	39,200	800	98.00%	50,245	112	1.28x	0.00x	1.28x	3.60%
HVP Dover VIII	2013	\$16,000	14,720	1,280	92.00%	22,542	2,576	1.53x	0.17x	1.71x	20.10%
HVP HIPEP VII	2014	\$20,000	17,300	2,700	86.50%	12,807	22,896	0.74x	1.32x	2.06x	19.60%
HVP Venture Capital X	2015-2019	\$9,000	8,528	472	94.75%	5,342	18,149	0.63x	2.13x	2.75x	35.50%
HVP Buyouts X	2015-2019	\$21,000	16,170	4,830	77.00%	10,893	17,870	0.67x	1.11x	1.78x	25.80%
<b>Total HVP</b>		<b>\$166,000</b>	<b>153,218</b>	<b>12,782</b>	<b>92.30%</b>	<b>207,719</b>	<b>61,603</b>	<b>1.36x</b>	<b>0.40x</b>	<b>1.76x</b>	<b>10.00%</b>
Mesirow Partnerships I	1999-2002	\$40,000	40,000	0	100.00%	46,710	0	1.17x	0.00x	1.17x	2.40%
Mesirow Capital Partners Co-Invest VIII	2001	\$5,000	5,000	0	100.00%	10,111	0	2.02x	0.00x	2.02x	22.34%
Mesirow Partnerships II	2001-2006	\$45,000	45,000	0	100.00%	86,656	0	1.93x	0.00x	1.93x	12.10%
Mesirow Capital Partners Co-Invest IX	2005	\$10,000	9,550	450	95.50%	5,053	195	0.53x	0.02x	0.55x	(7.00%)
Mesirow Partnerships IV	2006-2011	\$20,000	19,300	700	96.50%	33,383	4,082	1.73x	0.21x	1.94x	11.00%
Mesirow Partnerships V	2006-2011	\$20,000	18,700	1,300	93.50%	32,484	13,310	1.74x	0.71x	2.45x	17.60%
Mesirow Capital Partners Co-Invest X	2009	\$30,000	29,100	900	97.00%	78,761	5,471	2.71x	0.19x	2.89x	25.10%
Mesirow Fd VII A PE	2017-2020	\$16,250	11,700	4,550	72.00%	569	19,062	0.05x	1.63x	1.68x	22.80%
Mesirow Fd VII B PE	2017-2020	\$8,750	8,654	96	98.90%	6,270	15,812	0.72x	1.83x	2.55x	39.80%
Mesirow Fd VIII B PE	2021	\$20,000	10,740	9,260	53.70%	0	11,201	0.00x	1.04x	1.04x	4.30%
<b>Total Mesirow</b>		<b>\$215,000</b>	<b>197,744</b>	<b>17,256</b>	<b>91.97%</b>	<b>299,997</b>	<b>69,133</b>	<b>1.52x</b>	<b>0.35x</b>	<b>1.87x</b>	<b>10.17%</b>
AVP XI LP	2018	\$25,000	19,875	5,125	79.50%	0	36,667	0.00x	1.84x	1.84x	44.80%
AVP XII LP	2021	\$25,000	13,500	11,500	54.00%	0	15,351	0.00x	1.14x	1.14x	41.06%
<b>Total AVP</b>	<b>2018&amp;2021</b>	<b>\$50,000</b>	<b>33,375</b>	<b>16,625</b>	<b>66.75%</b>	<b>0</b>	<b>52,018</b>	<b>0.00x</b>	<b>1.56x</b>	<b>1.56x</b>	
<b>Fund of Funds Developed Manager Program</b>		<b>\$1,306,629</b>	<b>933,607</b>	<b>373,190</b>	<b>71.45%</b>	<b>1,030,604</b>	<b>620,431</b>	<b>1.10x</b>	<b>0.66x</b>	<b>1.77x</b>	
<b>Direct Developed Manager Program</b>											
KKR Americas Fd XII	2017	\$25,000	24,023	2,782	96.09%	8,470	33,520	0.35x	1.40x	1.75x	24.89%
EQT Fund VIII	2018	\$20,967	20,038	929	95.57%	9,603	28,331	0.48x	1.41x	1.89x	42.51%
EQT Fund IX	2021	\$25,000	21,778	3,222	87.11%	2,110	22,737	0.10x	1.04x	1.14x	45.13%
<b>Total EQT</b>	<b>2018&amp;2021</b>	<b>\$45,967</b>	<b>41,816</b>	<b>4,151</b>	<b>90.97%</b>	<b>11,712</b>	<b>51,068</b>	<b>0.28x</b>	<b>1.22x</b>	<b>1.50x</b>	
<b>Direct Developed Manager Program</b>		<b>\$70,967</b>	<b>65,840</b>	<b>6,933</b>	<b>92.77%</b>	<b>20,182</b>	<b>84,588</b>	<b>0.31x</b>	<b>1.28x</b>	<b>1.59x</b>	
<b>Total Developed Manager Program</b>		<b>\$1,377,596</b>	<b>999,447</b>	<b>380,123</b>	<b>72.55%</b>	<b>1,050,786</b>	<b>705,019</b>	<b>1.05x</b>	<b>0.71x</b>	<b>1.76x</b>	
<b>Emerging Manager Program</b>											
M2 Illinois	2003-2007	\$25,000	21,493	4,004	85.97%	18,874	0	0.88x	0.00x	0.88x	(2.54%)
M2 PEFOF (Developing)	2006-2010	\$10,000	9,761	328	97.61%	14,287	219	1.46x	0.02x	1.49x	8.34%
<b>Total Muller &amp; Monroe</b>	<b>2003-2010</b>	<b>\$35,000</b>	<b>31,254</b>	<b>4,333</b>	<b>89.30%</b>	<b>33,161</b>	<b>219</b>	<b>1.06x</b>	<b>0.01x</b>	<b>1.07x</b>	<b>1.27%</b>
Hispania I	2003	\$5,000	5,000	0	100.00%	916	0	0.18x	0.00x	0.18x	NM
Hispania II	2009	\$10,000	9,592	408	95.92%	17,358	52	1.81x	0.01x	1.81x	21.65%
<b>Total Hispania</b>	<b>2003&amp;2009</b>	<b>\$15,000</b>	<b>14,592</b>	<b>408</b>	<b>97.28%</b>	<b>18,275</b>	<b>52</b>	<b>1.25x</b>	<b>0.00x</b>	<b>1.26x</b>	

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Pharos II-A	2005	\$7,500	7,500	0	100.00%	4,792	4,022	0.64x	0.54x	1.18x	1.96%
Pharos III	2013	\$15,000	14,700	300	98.00%	11,253	15,349	0.77x	1.04x	1.81x	11.88%
<b>Total Pharos</b>	<b>2005&amp;2013</b>	<b>\$22,500</b>	<b>22,200</b>	<b>300</b>	<b>98.67%</b>	<b>16,045</b>	<b>19,370</b>	<b>0.72x</b>	<b>0.87x</b>	<b>1.60x</b>	<b>6.97%</b>
Palladium III	2005	\$7,500	8,212	0	109.49%	14,137	0	1.72x	0.00x	1.72x	11.44%
Palladium IV	2014	\$10,000	10,396	526	103.96%	6,677	8,392	0.64x	0.81x	1.45x	9.12%
Palladium V	2018	\$20,000	12,299	8,545	61.49%	2,130	12,669	0.17x	1.03x	1.20x	8.36%
<b>Total Palladium</b>	<b>2005&amp;2014&amp;2018</b>	<b>\$37,500</b>	<b>30,906</b>	<b>9,071</b>	<b>82.42%</b>	<b>22,944</b>	<b>21,062</b>	<b>0.74x</b>	<b>0.68x</b>	<b>1.42x</b>	<b>11.82%</b>
ICV II	2006	\$7,500	7,288	212	97.17%	12,534	22	1.72x	0.00x	1.72x	11.92%
ICV III	2013	\$10,000	9,843	157	98.43%	4,915	9,030	0.50x	0.92x	1.42x	5.71%
ICV IV	2017	\$20,000	10,985	9,015	54.93%	7,066	11,567	0.64x	1.05x	1.70x	28.60%
<b>Total ICV</b>	<b>2006&amp;2013&amp;2017</b>	<b>\$37,500</b>	<b>28,117</b>	<b>9,383</b>	<b>74.98%</b>	<b>24,514</b>	<b>20,619</b>	<b>0.87x</b>	<b>0.73x</b>	<b>1.61x</b>	<b>11.00%</b>
Syncom Venture PE	2006	\$7,500	7,495	5	99.93%	196	0	0.03x	0.00x	0.03x	(26.47%)
RLJ II	2016	\$15,000	10,410	4,590	69.40%	3,367	9,260	0.32x	0.89x	1.21x	8.75%
NMS III	2017	\$15,000	12,537	5,089	83.58%	3,602	18,834	0.29x	1.50x	1.79x	31.00%
NMS IV	2021	\$20,000	4,849	15,785	24.24%	646	5,096	0.13x	1.05x	1.18x	NM
<b>Total NMS</b>	<b>2017&amp;2021</b>	<b>\$35,000</b>	<b>17,385</b>	<b>20,873</b>	<b>49.67%</b>	<b>4,248</b>	<b>23,930</b>	<b>0.24x</b>	<b>1.38x</b>	<b>1.62x</b>	
Turning Rock Fund I	2018	\$10,000	19,295	2,176	192.95%	13,915	7,540	0.72x	0.39x	1.11x	11.30%
Turning Rock Fund II	2021	\$15,000	5,762	10,568	38.41%	1,329	4,555	0.23x	0.79x	1.02x	NM
<b>Total Turning Rock</b>	<b>2018&amp;2021</b>	<b>\$25,000</b>	<b>25,057</b>	<b>12,744</b>	<b>100.23%</b>	<b>15,244</b>	<b>12,095</b>	<b>0.61x</b>	<b>0.48x</b>	<b>1.09x</b>	
Farol Fund II	2018	\$12,500	11,593	907	92.75%	2,307	19,636	0.20x	1.69x	1.89x	34.00%
Astra Partners I	2019	\$12,500	7,887	4,613	63.10%	0	7,570	0.00x	0.96x	0.96x	NM
Estancia II	2019	\$10,000	5,759	4,241	57.59%	570	9,997	0.10x	1.74x	1.83x	35.70%
AUA II	2019	\$10,000	4,714	5,286	47.14%	0	6,648	0.00x	1.41x	1.41x	33.40%
P4G I	2019	\$10,000	2,821	7,179	28.21%	0	2,449	0.00x	0.87x	0.87x	NM
MB Special Opportunities II	2020	\$10,000	4,370	5,630	43.70%	2,030	2,697	0.46x	0.62x	1.08x	NM
Data Focus I	2020	\$10,000	5,969	4,031	59.69%	0	6,510	0.00x	1.09x	1.09x	NM
WM Partners II	2020	\$10,000	9,060	940	90.60%	0	11,218	0.00x	1.24x	1.24x	31.14%
Aldrich II	2022	\$5,000	51	4,949	1.01%	0	-78	-	-	-	NM
<b>Total Emerging Manager Program</b>		<b>\$320,000</b>	<b>239,639</b>	<b>99,483</b>	<b>74.89%</b>	<b>142,902</b>	<b>173,251</b>	<b>0.60x</b>	<b>0.72x</b>	<b>1.32x</b>	

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<b>Direct Emerging Markets Program</b>											
African Development Partners III	2019	\$10,000	3,723	6,277	37.23%	0	4,288	0.00x	1.15x	1.15x	NM
AFIG Fund II	2020	\$10,000	9,527	473	95.27%	3,237	4,465	0.34x	0.47x	0.81x	NM
<b>Total Direct Emerging Markets Program</b>		<b>\$20,000</b>	<b>13,250</b>	<b>6,750</b>	<b>66.25%</b>	<b>3,237</b>	<b>8,753</b>	<b>0.24x</b>	<b>0.66x</b>	<b>0.90x</b>	
<b>Total Private Equity</b>		<b>\$1,717,596</b>	<b>1,252,336</b>	<b>486,356</b>	<b>72.91%</b>	<b>1,196,926</b>	<b>887,023</b>	<b>0.96x</b>	<b>0.71x</b>	<b>1.66x</b>	