



Division of Investment Management  
Risk and Examinations Office

## **Private Funds Statistics**

First Calendar Quarter 2015

December 30, 2015

This is a report of the Staff of the Division of Investment Management's Risk and Examinations Office (REO) of the U.S. Securities and Exchange Commission. The Commission has expressed no view regarding the analysis, findings, or conclusions contained herein.

## Introduction

This report provides a summary of recent private fund industry statistics and trends, reflecting data collected through Form PF and Form ADV filings.<sup>1</sup> Form PF information provided in this report is aggregated, rounded, and/or masked to avoid potential disclosure of proprietary information of individual Form PF filers.

This report reflects data from Second Calendar Quarter 2013 through First Calendar Quarter 2015 as reported by Form PF filers.<sup>2</sup> Please see the Appendix for information on the categories of Form PF filers, the definitions of capitalized terms, a description of the boxplots used in several figures, as well as other technical descriptions.

**Form PF is still a relatively new reporting requirement for advisers to private funds. The Staff continues to work with the data and filers to identify and correct filing errors. In some instances, the Staff has made adjustments to the summary statistics presented here to correct what appear to be clear filing errors. In addition, the Staff has employed certain assumptions in aggregating the data. Future adjustments to these methodologies could lead to changes in reported statistics.**

**If you have any questions or comments about First Calendar Quarter 2015 Private Funds Statistics, please contact:**

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<sup>1</sup>Only SEC-registered advisers with at least \$150 million in private fund assets under management must report to the Commission on Form PF. SEC-registered investment advisers with less than \$150 million in private fund assets under management, SEC exempt reporting advisers, and state-registered investment advisers are not required to file Form PF, but report general information about the private funds they manage on Form ADV.

<sup>2</sup>The Commission began receiving Form PF filings from Large Hedge Fund Advisers in July 2012. A full data set was not received until March 2013. This report relies upon the Form PF database constructed and maintained by the Office of Research and Data Services in the Division of Economic and Risk Analysis.

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## I Number of Funds and Advisers<sup>3</sup>

**Table 1: Number of Funds**

The “Total” row shows the total reported, and will not equal the sum of the preceding rows, because the rows are not mutually exclusive.

Fund Type	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
Hedge Fund	7,697	7,906	8,413	8,496	8,607	8,679	8,639	8,835
Private Equity Fund	6,977	7,078	7,603	7,632	7,664	7,629	8,407	8,470
Other Private Fund	3,491	3,556	3,709	3,753	3,758	3,752	4,066	4,058
Section 4 Private Equity Fund	1,878	1,889	2,201	2,197	2,201	2,209	2,387	2,393
Real Estate Fund	1,376	1,400	1,547	1,546	1,546	1,534	1,788	1,786
Qualifying Hedge Fund	1,266	1,320	1,369	1,415	1,462	1,471	1,541	1,558
Securitized Asset Fund	987	1,012	1,172	1,191	1,208	1,196	1,327	1,348
Venture Capital Fund	369	379	434	435	435	438	508	505
Liquidity Fund	74	74	71	71	70	70	69	68
Section 3 Liquidity Fund	46	46	46	46	44	44	45	42
<b>Total</b>	<b>20,893</b>	<b>21,319</b>	<b>22,883</b>	<b>23,053</b>	<b>23,189</b>	<b>23,172</b>	<b>24,740</b>	<b>24,981</b>

**Table 2: Number of Advisers Advising Each Fund Type**

The “Total” row shows the total reported, and will not equal the sum of the preceding rows, because the rows are not mutually exclusive.

Fund Type	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
Hedge Fund	1,479	1,496	1,595	1,594	1,594	1,598	1,651	1,657
Private Equity Fund	821	826	863	862	866	867	919	920
Other Private Fund	515	530	524	527	525	526	555	556
Section 4 Private Equity Fund	174	175	195	195	196	195	210	209
Real Estate Fund	239	242	245	245	245	244	260	260
Qualifying Hedge Fund	442	461	469	470	494	503	525	524
Securitized Asset Fund	133	137	138	141	143	141	152	155
Venture Capital Fund	65	66	68	69	69	70	85	85
Liquidity Fund	37	37	35	35	34	34	35	34
Section 3 Liquidity Fund	24	24	24	24	23	23	24	22
<b>Total</b>	<b>2,449</b>	<b>2,480</b>	<b>2,572</b>	<b>2,575</b>	<b>2,581</b>	<b>2,582</b>	<b>2,699</b>	<b>2,702</b>

<sup>3</sup>In this report, “Funds” means all private funds reported on Form PF and “Advisers” means all SEC-registered investment advisers that file a Form PF to report private funds. Please see Appendix D for definitions of other capitalized terms used in this report.

## II Gross and Net Assets

### A Aggregate Assets by Fund Type over Time

**Table 3:** Aggregate Private Fund Gross Asset Value (GAV) (\$ Billions)

As reported on Form PF, Question 8.

The “Total” row shows the total reported, and will not equal the sum of the preceding rows, because the rows are not mutually exclusive.

Fund Type	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
Hedge Fund	4,945	5,093	5,393	5,656	5,892	6,115	6,061	6,466
Qualifying Hedge Fund	3,986	4,135	4,357	4,583	4,827	4,941	4,925	5,245
Private Equity Fund	1,615	1,628	1,842	1,835	1,845	1,838	1,887	1,894
Section 4 Private Equity Fund	1,099	1,107	1,271	1,265	1,270	1,274	1,352	1,357
Other Private Fund	765	779	935	950	955	957	991	987
Securitized Asset Fund	330	338	351	356	362	357	377	382
Real Estate Fund	299	301	334	334	334	334	350	350
Liquidity Fund	257	249	248	250	274	286	274	290
Section 3 Liquidity Fund	249	241	241	247	262	281	272	287
Venture Capital Fund	24	24	30	30	30	30	39	39
<b>Total</b>	<b>8,206</b>	<b>8,383</b>	<b>9,112</b>	<b>9,397</b>	<b>9,667</b>	<b>9,878</b>	<b>9,959</b>	<b>10,380</b>

**Table 4:** Aggregate Private Fund Net Asset Value (NAV) (\$ Billions)

As reported on Form PF, Question 9.

The “Total” row shows the total reported, and will not equal the sum of the preceding rows, because the rows are not mutually exclusive.

Fund Type	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
Hedge Fund	2,685	2,815	3,078	3,162	3,308	3,360	3,400	3,580
Qualifying Hedge Fund	2,084	2,194	2,397	2,470	2,627	2,606	2,672	2,812
Private Equity Fund	1,479	1,494	1,702	1,695	1,702	1,694	1,744	1,753
Section 4 Private Equity Fund	1,042	1,049	1,206	1,200	1,205	1,209	1,275	1,279
Other Private Fund	653	667	816	823	827	830	884	890
Securitized Asset Fund	114	116	117	122	126	126	114	115
Real Estate Fund	235	237	266	266	266	265	279	279
Liquidity Fund	255	247	246	249	273	283	272	287
Section 3 Liquidity Fund	247	239	239	246	261	279	271	284
Venture Capital Fund	21	22	28	28	28	28	37	37
<b>Total</b>	<b>5,420</b>	<b>5,573</b>	<b>6,232</b>	<b>6,329</b>	<b>6,511</b>	<b>6,548</b>	<b>6,710</b>	<b>6,911</b>

**Figure 1: GAV and NAV Distributions**  
As reported on Form PF, Questions 8 and 9.

<b>Qualifying Hedge Fund GAV (\$ Billions)</b>								
Statistic	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
10th Percentile	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
25th Percentile	0.5	0.5	0.6	0.6	0.6	0.5	0.6	0.6
Median	1.2	1.2	1.2	1.3	1.3	1.3	1.2	1.3
75th Percentile	2.8	2.8	2.9	2.8	2.9	2.9	2.8	2.9
90th Percentile	6.5	6.5	7.0	6.9	6.9	6.9	6.5	6.9
Mean	3.1	3.1	3.2	3.2	3.3	3.4	3.2	3.4
<b>Qualifying Hedge Fund NAV (\$ Billions)</b>								
Statistic	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
10th Percentile	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
25th Percentile	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.4
Median	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9
75th Percentile	1.8	1.8	1.9	1.9	1.9	1.9	1.8	1.9
90th Percentile	3.9	3.9	4.1	4.0	4.0	3.9	3.9	4.1
Mean	1.6	1.7	1.8	1.7	1.8	1.8	1.7	1.8
<b>Section 4 Private Equity Fund GAV (\$ Billions)</b>								
Statistic	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
10th Percentile	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25th Percentile	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Median	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
75th Percentile	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
90th Percentile	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5
Mean	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
<b>Section 4 Private Equity Fund NAV (\$ Billions)</b>								
Statistic	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
10th Percentile	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25th Percentile	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Median	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
75th Percentile	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
90th Percentile	1.4	1.4	1.3	1.3	1.3	1.3	1.4	1.4
Mean	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5

**B Borrowings****Table 5: Aggregate Borrowings (Percent of Aggregate GAV)**  
As reported on Form PF, Questions 8, 12, and 43 (Third Month).

Fund Type	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
Securitized Asset Fund	46.4	45.9	47.5	46.9	46.4	47.1	48.0	46.6
Qualifying Hedge Fund	44.4	41.4	39.3	39.2	37.9	37.6	38.3	38.3
Hedge Fund	40.9	38.4	36.8	36.9	36.6	36.6	35.9	35.1
Real Estate Fund	14.9	14.8	12.9	12.5	12.5	12.5	13.6	13.2
Private Equity Fund	3.8	3.8	2.3	2.4	2.4	2.4	4.0	4.0
Other Private Fund	6.2	6.0	4.2	4.1	4.1	4.0	2.8	2.7
Section 4 Private Equity Fund	2.8	2.8	2.1	2.1	2.1	2.1	2.3	2.3
Venture Capital Fund	1.4	1.4	0.9	0.9	0.9	0.9	0.6	0.6
Liquidity Fund	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Section 3 Liquidity Fund	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

**Figure 2: Distribution of Total Borrowings**  
As reported on Form PF, Questions 12 and 43.

All Private Funds (\$ Billions)								
Statistic	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
10th Percentile	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25th Percentile	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Median	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75th Percentile	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
90th Percentile	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Mean	0.5	0.5	0.4	0.5	0.5	0.5	0.4	0.5
Qualifying Hedge Funds (\$ Billions)								
Statistic	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
10th Percentile	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25th Percentile	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Median	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
75th Percentile	1.2	1.1	1.2	1.2	1.2	1.2	1.1	1.1
90th Percentile	3.5	3.6	3.5	3.7	3.5	3.2	3.2	3.3
Mean	2.0	1.9	1.9	1.9	1.8	1.8	1.8	1.9



## C Parallel Managed Accounts<sup>4</sup>

**Table 6:** Number of Funds with Parallel Managed Accounts

As reported on Form PF, Question 11.

The “Total” row shows the total reported, and will not equal the sum of the preceding rows, because the rows are not mutually exclusive.

Type	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
Hedge Fund	646	648	667	683	696	710	710	714
Other Private Fund	324	332	336	342	342	340	399	389
Qualifying Hedge Fund	190	199	202	211	227	218	230	236
Private Equity Fund	184	187	190	188	195	197	210	210
Section 4 Private Equity Fund	76	76	62	57	57	57	60	63
Real Estate Fund	33	33	46	46	46	46	51	51
Securitized Asset Fund	***	***	***	***	***	***	***	***
Liquidity Fund	19	18	18	17	17	17	16	17
Section 3 Liquidity Fund	16	15	15	15	14	15	14	15
Venture Capital Fund	***	***	***	***	***	***	***	***
<b>Total</b>	1,209	1,222	1,286	1,305	1,324	1,338	1,418	1,412

**Table 7:** Aggregate Value in Parallel Managed Accounts (\$ Billions)

As reported on Form PF, Question 11.

The “Total” row shows the total reported, and will not equal the sum of the preceding rows, because the rows are not mutually exclusive.

Type	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
Hedge Fund	594	600	620	612	910	834	754	798
Other Private Fund	925	1,132	1,446	1,455	1,450	1,272	1,417	1,387
Qualifying Hedge Fund	344	418	451	431	737	441	532	569
Private Equity Fund	115	115	123	122	124	124	107	106
Section 4 Private Equity Fund	23	23	18	17	17	17	16	16
Real Estate Fund	8	8	11	11	11	11	11	11
Securitized Asset Fund	***	***	***	***	***	***	***	***
Liquidity Fund	371	384	392	334	326	339	349	363
Section 3 Liquidity Fund	314	327	335	330	321	335	345	359
Venture Capital Fund	***	***	***	***	***	***	***	***
<b>Total</b>	2,011	2,237	2,656	2,596	2,880	2,638	2,731	2,748

<sup>4</sup>Certain data points in the tables in this section and other sections may be masked to avoid possible disclosure of proprietary information of individual Form PF filers.

**Figure 3: Parallel Managed Account Value Distributions**  
As reported on Form PF, Question 11.

<b>All Private Funds (\$ Billions)</b>								
Statistic	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
10th Percentile	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25th Percentile	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Median	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
75th Percentile	0.8	0.9	1.1	1.1	1.1	1.1	1.0	1.0
90th Percentile	3.3	3.3	4.1	4.0	4.1	4.1	4.2	4.1
Mean	1.7	1.8	2.1	2.0	2.2	2.0	1.9	1.9
<b>Qualifying Hedge Funds (\$ Billions)</b>								
Statistic	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
10th Percentile	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
25th Percentile	0.1	0.2	0.2	0.2	0.1	0.1	0.2	0.2
Median	0.4	0.4	0.5	0.5	0.4	0.4	0.4	0.4
75th Percentile	1.4	1.6	1.9	1.8	2.0	1.6	1.5	1.7
90th Percentile	2.9	3.3	4.1	3.5	3.9	3.5	3.9	4.1
Mean	1.8	2.1	2.2	2.0	3.2	2.0	2.3	2.4

### III Fund Domiciles and Adviser Main Offices

**Table 8: Fund Domicile (Percent of NAV)**  
As reported on Form PF, Question 9 and Form ADV.

All Private Funds								
Country	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
United States	49.7	49.5	51.3	50.5	50.1	50.1	49.5	49.3
Cayman Islands	37.2	37.4	36.8	37.3	37.6	37.6	37.8	38.0
Ireland	4.2	4.1	4.1	4.2	4.4	4.6	4.7	4.6
Virgin Islands, British	2.8	2.8	2.7	2.7	2.7	2.7	2.6	2.8
Bermuda	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Luxembourg	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2
United Kingdom	1.1	1.1	0.7	0.7	0.7	0.7	1.0	1.0
Other	2.7	2.6	2.1	2.1	2.1	2.0	1.9	2.0
Qualifying Hedge Funds								
Country	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
Cayman Islands	53.7	53.9	54.3	55.4	55.3	54.9	55.5	55.5
United States	32.5	32.3	32.5	31.3	31.6	32.2	31.5	31.5
Virgin Islands, British	5.8	5.7	6.2	6.2	6.1	6.0	6.1	6.3
Ireland	1.8	2.0	2.1	2.2	2.2	2.2	2.4	2.3
Bermuda	1.8	1.8	1.4	1.3	1.4	1.4	1.4	1.4
Luxembourg	1.7	1.8	1.5	1.6	1.6	1.5	1.3	1.2
Other	2.7	2.6	2.0	2.0	1.9	1.8	1.9	1.9
Section 3 Liquidity Funds								
Country	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
Ireland	***	***	***	***	***	***	***	***
United States	32.9	34.4	35.9	33.2	34.1	32.3	30.6	32.8
Cayman Islands	8.7	8.1	7.9	8.8	***	8.2	***	***
Other	***	***	***	***	***	***	***	***
Section 4 Private Equity Funds								
Country	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
United States	66.2	66.5	66.6	66.3	66.4	66.5	63.3	63.6
Cayman Islands	28.6	28.4	28.2	28.3	28.2	28.2	30.7	30.5
United Kingdom	1.6	1.6	1.3	1.3	1.3	1.3	2.3	2.4
Canada	***	***	1.3	1.3	1.3	1.3	1.3	1.3
Bermuda	***	***	0.9	0.9	0.9	0.9	1.0	1.0
Other	1.6	1.6	1.6	1.8	1.8	1.8	1.4	1.2

**Table 9: Adviser Main Office Location (Percent of NAV)**  
As reported on Form PF, Question 9 and Form ADV.

<b>All Private Funds</b>								
Country	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
United States	89.4	89.3	89.9	89.2	88.9	88.7	89.8	90.0
United Kingdom	6.9	6.9	6.4	6.7	7.0	7.3	6.4	6.3
Other	3.7	3.8	3.7	4.1	4.1	4.0	3.7	3.7
<b>Qualifying Hedge Funds</b>								
Country	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
United States	89.6	89.4	89.5	89.3	89.4	89.7	89.9	90.8
United Kingdom	5.7	5.8	5.6	5.7	5.8	5.6	5.0	4.8
Hong Kong	***	***	***	***	***	***	***	***
Australia	***	***	***	***	***	***	***	***
Other	4.0	3.5	3.2	3.1	2.9	2.8	2.7	2.0
<b>Section 3 Liquidity Funds</b>								
Country	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
United States	66.4	66.9	66.8	67.2	68.5	65.3	63.6	65.6
United Kingdom	***	***	***	***	***	***	***	***
France	***	***	***	***	***	***	***	***
<b>Section 4 Private Equity Funds</b>								
Country	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
United States	98.0	98.0	97.3	97.4	97.4	97.4	97.8	97.8
Canada	***	***	***	***	***	***	***	***
Other	***	***	***	***	***	***	***	***

## IV Beneficial Ownership

**Table 10: Beneficial Ownership for All Private Funds (\$ Billions)**  
As reported on Form PF, Questions 9 and 16.

Type	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
Private Funds	1,187	1,213	1,276	1,286	1,315	1,326	1,356	1,375
Pension Plans	669	694	796	804	819	819	839	882
State/Muni. Govt. Pension Plans	705	724	820	835	839	835	859	869
Other	565	580	652	664	692	714	765	776
U.S. Individuals	600	616	696	699	716	717	740	758
Non-Profits	565	580	633	645	669	678	690	714
Sov. Wealth Funds and For. Official Inst.	284	295	340	341	350	347	361	363
Insurance Companies	199	206	245	248	253	254	263	268
Non-U.S. Individuals	184	176	183	192	214	198	193	212
Unknown Non-U.S. Investors	154	168	174	177	174	196	185	189
Banking/Thrift Inst.	143	144	151	154	156	157	142	148
SEC-Registered Investment Companies	72	78	88	86	98	88	88	123
Broker-Dealers	21	24	90	103	109	112	116	116
State/Muni. Govt. Entities	59	61	68	69	83	84	89	93

**Table 11: Beneficial Ownership for All Private Funds**  
(Percent of Aggregate NAV)

As reported on Form PF, Questions 9 and 16.

Type	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
Private Funds	21.9	21.8	20.5	20.3	20.2	20.2	20.2	19.9
Pension Plans	12.4	12.4	12.8	12.7	12.6	12.5	12.5	12.8
State/Muni. Govt. Pension Plans	13.0	13.0	13.2	13.2	12.9	12.8	12.8	12.6
Other	10.4	10.4	10.5	10.5	10.6	10.9	11.4	11.2
U.S. Individuals	11.1	11.1	11.2	11.1	11.0	10.9	11.0	11.0
Non-Profits	10.4	10.4	10.2	10.2	10.3	10.4	10.3	10.3
Sov. Wealth Funds and For. Official Inst.	5.2	5.3	5.4	5.4	5.4	5.3	5.4	5.3
Insurance Companies	3.7	3.7	3.9	3.9	3.9	3.9	3.9	3.9
Non-U.S. Individuals	3.4	3.2	2.9	3.0	3.3	3.0	2.9	3.1
Unknown Non-U.S. Investors	2.8	3.0	2.8	2.8	2.7	3.0	2.8	2.7
Banking/Thrift Inst.	2.6	2.6	2.4	2.4	2.4	2.4	2.1	2.1
SEC-Registered Investment Companies	1.3	1.4	1.4	1.4	1.5	1.3	1.3	1.8
Broker-Dealers	0.4	0.4	1.4	1.6	1.7	1.7	1.7	1.7
State/Muni. Govt. Entities	1.1	1.1	1.1	1.1	1.3	1.3	1.3	1.3

**Table 12: Beneficial Ownership for Qualifying Hedge Funds (\$ Billions)**  
As reported on Form PF, Questions 9 and 16.

Type	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
Private Funds	497	504	509	526	547	554	558	575
Non-Profits	295	305	322	323	349	358	357	378
Pension Plans	263	276	293	308	323	312	334	360
U.S. Individuals	270	283	307	303	322	321	321	340
Other	194	209	238	242	271	268	300	319
State/Muni. Govt. Pension Plans	209	224	242	253	254	242	256	261
Sov. Wealth Funds and For. Official Inst.	111	118	127	129	137	133	133	133
Broker-Dealers	5	7	71	85	89	91	93	91
SEC-Registered Investment Companies	33	39	49	48	58	50	49	81
Non-U.S. Individuals	51	57	60	62	68	69	68	69
Insurance Companies	53	57	59	61	65	65	65	67
Unknown Non-U.S. Investors	49	55	58	61	66	68	61	56
State/Muni. Govt. Entities	22	23	25	26	38	38	41	44
Banking/Thrift Inst.	32	34	34	36	36	36	33	37

**Table 13: Beneficial Ownership for Qualifying Hedge Funds  
(Percent of Aggregate NAV)**  
As reported on Form PF, Questions 9 and 16.

Type	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
Private Funds	23.8	23.0	21.2	21.3	20.8	21.3	20.9	20.5
Non-Profits	14.1	13.9	13.4	13.1	13.3	13.7	13.4	13.4
Pension Plans	12.6	12.6	12.2	12.5	12.3	12.0	12.5	12.8
U.S. Individuals	12.9	12.9	12.8	12.3	12.3	12.3	12.0	12.1
Other	9.3	9.5	9.9	9.8	10.3	10.3	11.2	11.3
State/Muni. Govt. Pension Plans	10.0	10.2	10.1	10.3	9.7	9.3	9.6	9.3
Sov. Wealth Funds and For. Official Inst.	5.3	5.4	5.3	5.2	5.2	5.1	5.0	4.7
Broker-Dealers	0.3	0.3	3.0	3.4	3.4	3.5	3.5	3.2
SEC-Registered Investment Companies	1.6	1.8	2.1	2.0	2.2	1.9	1.8	2.9
Non-U.S. Individuals	2.4	2.6	2.5	2.5	2.6	2.6	2.5	2.5
Insurance Companies	2.5	2.6	2.5	2.5	2.5	2.5	2.4	2.4
Unknown Non-U.S. Investors	2.4	2.5	2.4	2.5	2.5	2.6	2.3	2.0
State/Muni. Govt. Entities	1.1	1.1	1.1	1.1	1.5	1.5	1.5	1.6
Banking/Thrift Inst.	1.5	1.5	1.4	1.5	1.4	1.4	1.3	1.3

**Table 14: Beneficial Ownership for Section 3 Liquidity Funds (\$ Billions)**  
As reported on Form PF, Questions 9 and 16.

Type	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
Private Funds	69	68	68	67	75	80	75	86
Other	45	39	35	37	37	43	63	45
Unknown Non-U.S. Investors	35	47	46	46	37	58	40	44
Non-U.S. Individuals	***	***	***	22	38	20	20	35
SEC-Registered Investment Companies	19	18	18	17	18	17	15	17
Banking/Thrift Inst.	9	9	13	16	17	19	14	***
Broker-Dealers	***	***	***	***	***	***	***	***
Sov. Wealth Funds and For. Official Inst.	***	10	10	***	11	***	11	***
Insurance Companies	7	8	9	9	7	9	10	9
Pension Plans	7	8	8	7	***	6	5	6
State/Muni. Govt. Entities	***	***	***	***	***	***	***	***
State/Muni. Govt. Pension Plans	***	***	***	***	***	***	***	***
Non-Profits	***	***	***	***	***	***	***	***
U.S. Individuals	***	***	***	0	0	0	0	0

**Table 15: Beneficial Ownership for Section 3 Liquidity Funds**  
(Percent of Aggregate NAV)  
As reported on Form PF, Questions 9 and 16.

Type	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
Private Funds	28.0	28.5	28.5	27.4	28.8	28.7	27.7	30.5
Other	18.1	16.2	14.7	15.0	14.2	15.5	23.4	15.7
Unknown Non-U.S. Investors	14.4	19.6	19.3	18.6	14.3	20.9	14.9	15.6
Non-U.S. Individuals	***	***	***	9.0	14.7	7.3	7.3	12.3
SEC-Registered Investment Companies	7.8	7.4	7.4	6.8	7.0	6.2	5.6	5.9
Banking/Thrift Inst.	3.6	3.8	5.6	6.4	6.5	6.8	5.2	***
Broker-Dealers	***	***	***	***	***	***	***	***
Sov. Wealth Funds and For. Official Inst.	***	4.4	4.4	***	4.1	***	4.1	***
Insurance Companies	2.8	3.3	3.6	3.7	2.8	3.3	3.5	3.2
Pension Plans	2.9	3.3	3.4	2.9	***	2.1	1.9	2.0
State/Muni. Govt. Entities	***	***	***	***	***	***	***	***
State/Muni. Govt. Pension Plans	***	***	***	***	***	***	***	***
Non-Profits	***	***	***	***	***	***	***	***
U.S. Individuals	***	***	***	0.0	0.0	0.0	0.0	0.0

**Table 16:** Beneficial Ownership for Section 4 Private Equity Funds (\$ Billions)  
As reported on Form PF, Questions 9 and 16.

Type	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
State/Muni. Govt. Pension Plans	246	247	285	283	284	286	300	302
Private Funds	230	230	266	266	266	268	277	278
Pension Plans	104	107	119	116	118	119	123	125
Sov. Wealth Funds and For. Official Inst.	90	91	112	112	113	113	124	124
Other	83	83	95	95	95	96	110	110
Non-Profits	66	68	78	77	77	76	80	80
U.S. Individuals	62	63	72	72	72	72	79	79
Insurance Companies	61	61	72	71	71	72	75	76
Banking/Thrift Inst.	45	45	46	45	45	45	35	35
Non-U.S. Individuals	23	23	31	33	33	33	33	32
State/Muni. Govt. Entities	14	14	15	15	15	15	16	16
Unknown Non-U.S. Investors	16	16	14	14	14	14	11	11
SEC-Registered Investment Companies	3	3	2	2	2	2	3	3
Broker-Dealers	1	1	1	1	1	1	1	1

**Table 17:** Beneficial Ownership for Section 4 Private Equity Funds  
(Percent of Aggregate NAV)  
As reported on Form PF, Questions 9 and 16.

Type	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
State/Muni. Govt. Pension Plans	23.6	23.5	23.6	23.6	23.6	23.7	23.6	23.6
Private Funds	22.1	22.0	22.1	22.1	22.1	22.1	21.8	21.7
Pension Plans	10.0	10.2	9.9	9.6	9.8	9.8	9.6	9.8
Sov. Wealth Funds and For. Official Inst.	8.7	8.7	9.3	9.4	9.4	9.3	9.7	9.7
Other	8.0	7.9	7.9	7.9	7.9	8.0	8.6	8.6
Non-Profits	6.4	6.5	6.4	6.4	6.4	6.3	6.3	6.3
U.S. Individuals	6.0	6.0	6.0	6.0	6.0	5.9	6.2	6.2
Insurance Companies	5.9	5.8	5.9	5.9	5.9	5.9	5.9	5.9
Banking/Thrift Inst.	4.3	4.3	3.8	3.8	3.8	3.7	2.8	2.7
Non-U.S. Individuals	2.2	2.2	2.6	2.8	2.7	2.7	2.6	2.5
State/Muni. Govt. Entities	1.3	1.3	1.3	1.2	1.2	1.2	1.2	1.2
Unknown Non-U.S. Investors	1.5	1.5	1.1	1.1	1.1	1.1	0.9	0.9
SEC-Registered Investment Companies	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Broker-Dealers	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1



## V Derivatives

**Table 18:** Aggregate Derivative Notional (\$ Billions)

As reported on Form PF, Questions 13 and 44 (Third Month).

The "Total" row shows the total reported, and will not equal the sum of the preceding rows, because the rows are not mutually exclusive.

Type	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
Hedge Fund	13,792	13,885	13,151	14,382	16,984	15,929	14,592	14,473
Qualifying Hedge Fund	11,664	12,669	11,995	13,264	15,889	14,713	13,316	13,351
Other Private Fund	78	76	88	101	102	101	127	121
Private Equity Fund	49	49	47	47	47	48	66	69
Section 4 Private Equity Fund	45	45	43	43	43	43	60	60
Securitized Asset Fund	70	70	45	45	45	45	27	29
Real Estate Fund	12	12	12	12	12	12	13	13
Liquidity Fund	***	***	***	***	***	***	***	***
Section 3 Liquidity Fund	***	***	***	***	***	***	***	***
Venture Capital Fund	0	0	0	0	0	0	0	0
<b>Total</b>	<b>13,999</b>	<b>14,090</b>	<b>13,341</b>	<b>14,583</b>	<b>17,185</b>	<b>16,114</b>	<b>14,808</b>	<b>14,689</b>

**Table 19:** Aggregate Derivative Notional (Percent of Aggregate NAV)

As reported on Form PF, Questions 9, 13, and 44 (Third Month).

Type	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
Hedge Fund	513.7	493.3	427.3	454.9	513.4	474.2	429.2	404.3
Qualifying Hedge Fund	559.6	577.5	500.4	536.9	604.9	564.6	498.4	474.8
Other Private Fund	11.9	11.4	10.8	12.2	12.3	12.2	14.4	13.6
Private Equity Fund	3.3	3.3	2.8	2.8	2.8	2.8	3.8	3.9
Section 4 Private Equity Fund	4.3	4.2	3.5	3.6	3.5	3.5	4.7	4.7
Securitized Asset Fund	61.9	60.8	38.8	37.3	35.9	35.6	23.4	25.4
Real Estate Fund	5.0	5.0	4.4	4.4	4.4	4.4	4.6	4.6
Liquidity Fund	***	***	***	***	***	***	***	***
Section 3 Liquidity Fund	***	***	***	***	***	***	***	***
Venture Capital Fund	0.3	0.3	0.2	0.2	0.2	0.2	0.1	0.1
<b>Total</b>	<b>258.3</b>	<b>252.8</b>	<b>214.1</b>	<b>230.4</b>	<b>264.0</b>	<b>246.1</b>	<b>220.7</b>	<b>212.5</b>

**Figure 4:** Distribution of Derivative Notional Values  
As reported on Form PF, Questions 13 and 44 (Third Month).

All Private Funds (\$ Billions)								
Statistic	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
10th Percentile	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25th Percentile	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Median	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75th Percentile	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3
90th Percentile	1.3	1.3	1.4	1.4	1.6	1.7	1.6	1.6
Mean	1.0	1.0	1.0	1.1	1.2	1.3	1.1	1.1
Qualifying Hedge Funds (\$ Billions)								
Statistic	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
10th Percentile	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25th Percentile	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Median	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5
75th Percentile	2.2	2.1	2.2	2.3	2.3	2.4	2.4	2.3
90th Percentile	8.6	8.9	9.5	9.6	9.9	10.0	9.8	10.1
Mean	5.3	5.1	5.0	5.3	6.7	6.0	4.9	5.5

## VI High Frequency Trading

**Table 20:** Number of Hedge Funds Using  
High Frequency Trading (HFT) Strategies  
As reported on Form PF, Questions 9 and 21.

Fraction of NAV	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
0%	6,080	6,257	6,715	6,796	6,929	6,995	7,161	7,309
Less than 100%	53	54	59	57	55	53	45	39
100% or More	15	15	13	27	24	28	28	25

**Table 21:** Hedge Fund Assets Managed Using HFT Strategies (\$ Billions)  
As reported on Form PF, Question 21.

Fraction of NAV	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
0%	2,574	2,705	2,946	3,044	3,205	3,258	3,299	3,468
Less than 100%	64	67	65	78	54	37	35	41
100% or More	16	16	35	19	31	30	32	34

## VII Information Reported by Large Hedge Fund Advisers

### A Economic Leverage

**Figure 5:** Ratio of Hedge Fund Gross Notional Exposure to Net Asset Value  
(Winsorized, limits=[0%,98%])

See Appendix C for an explanation of winsorization.  
As reported on Form PF, Questions 3(a) and 26.

Including Interest Rate Derivatives (IRDs)																								
Statistic	2013-04	2013-05	2013-06	2013-07	2013-08	2013-09	2013-10	2013-11	2013-12	2014-01	2014-02	2014-03	2014-04	2014-05	2014-06	2014-07	2014-08	2014-09	2014-10	2014-11	2014-12	2015-01	2015-02	2015-03
10th Percentile	1.1	1.1	1.1	1.1	1.0	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0
25th Percentile	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.5
Median	2.4	2.5	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.2	2.3	2.3	2.3	2.3	2.3	2.2	2.3	2.3	2.2	2.3	2.3
75th Percentile	4.8	5.0	4.6	4.9	4.8	4.6	4.3	4.5	4.1	4.3	4.5	4.3	4.2	4.3	4.2	4.2	4.2	4.3	4.6	4.5	4.2	4.1	4.3	4.3
90th Percentile	12.6	12.2	11.1	11.3	12.2	11.1	11.3	11.5	10.4	10.4	10.6	10.5	10.6	11.2	10.5	11.0	10.8	11.3	10.5	10.9	8.9	9.6	10.3	9.4
Mean	7.8	7.9	7.1	5.7	5.9	5.7	5.4	5.6	5.3	5.1	5.2	5.1	5.1	5.2	5.1	5.6	5.8	5.7	5.2	5.1	4.8	5.1	5.3	5.0
Excluding IRDs																								
Statistic	2013-04	2013-05	2013-06	2013-07	2013-08	2013-09	2013-10	2013-11	2013-12	2014-01	2014-02	2014-03	2014-04	2014-05	2014-06	2014-07	2014-08	2014-09	2014-10	2014-11	2014-12	2015-01	2015-02	2015-03
10th Percentile	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0
25th Percentile	1.4	1.4	1.3	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.3	1.3	1.3	1.3	1.2	1.3	1.3
Median	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.1	2.1	2.0	2.1	2.1	2.0	2.0	2.1	2.1	2.1	2.0	2.1	2.1	2.0	2.0	2.0	2.0
75th Percentile	3.6	3.6	3.3	3.6	3.5	3.3	3.3	3.4	3.3	3.4	3.5	3.5	3.2	3.3	3.3	3.5	3.4	3.4	3.4	3.5	3.2	3.2	3.3	3.3
90th Percentile	7.7	8.1	7.4	7.6	7.6	7.9	8.2	8.4	7.8	7.8	7.8	7.3	6.4	6.9	6.9	7.2	7.3	7.0	6.7	6.9	6.2	6.3	6.6	6.7
Mean	4.8	4.7	4.5	4.0	4.0	4.1	3.8	3.8	3.7	3.4	3.8	3.6	3.4	3.4	3.4	3.5	3.5	3.5	3.5	3.5	3.3	3.5	3.6	3.5

**Figure 6: Ratio of Hedge Fund Long Notional Exposure (LNE) and Short Notional Exposure (SNE) to Net Asset Value (Winsorized, limits=[0%,98%])**  
 See Appendix C for an explanation of winsorization.  
 As reported on Form PF, Questions 3(a) and 26.

Long Exposure Including IRDs																								
Statistic	2013-04	2013-05	2013-06	2013-07	2013-08	2013-09	2013-10	2013-11	2013-12	2014-01	2014-02	2014-03	2014-04	2014-05	2014-06	2014-07	2014-08	2014-09	2014-10	2014-11	2014-12	2015-01	2015-02	2015-03
10th Percentile	0.9	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	0.9	1.0	1.0	0.9	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.0
25th Percentile	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.1	1.2	1.2
Median	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.6	1.6
75th Percentile	2.9	3.1	2.7	2.8	2.8	2.8	2.6	2.8	2.7	2.6	2.7	2.7	2.6	2.7	2.6	2.6	2.6	2.6	2.8	2.8	2.7	2.6	2.7	2.7
90th Percentile	7.2	7.2	6.0	6.8	7.3	6.6	6.6	6.9	6.3	5.5	5.9	5.8	6.1	6.0	5.4	6.2	5.8	6.0	5.7	5.9	5.2	5.3	5.7	5.2
Mean	4.7	4.5	4.1	3.4	3.5	3.5	3.3	3.4	3.2	3.1	3.2	3.1	3.1	3.1	3.1	3.3	3.4	3.3	3.1	2.9	3.2	3.2	3.3	3.1

  

Long Exposure Excluding IRDs																								
Statistic	2013-04	2013-05	2013-06	2013-07	2013-08	2013-09	2013-10	2013-11	2013-12	2014-01	2014-02	2014-03	2014-04	2014-05	2014-06	2014-07	2014-08	2014-09	2014-10	2014-11	2014-12	2015-01	2015-02	2015-03
10th Percentile	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	0.9	1.0	1.0	0.9	1.0	1.0	0.9	0.9	0.9
25th Percentile	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
Median	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.4	1.5	1.5
75th Percentile	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.3	2.2	2.2	2.2	2.3	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.2	2.1	2.2	2.2
90th Percentile	4.9	4.6	4.3	4.6	4.4	4.3	4.8	4.8	4.6	4.5	4.6	4.3	4.1	4.2	4.0	4.3	4.2	4.2	3.9	4.0	3.5	3.7	4.0	3.7
Mean	3.0	2.9	2.8	2.5	2.6	2.6	2.4	2.5	2.4	2.2	2.3	2.3	2.2	2.2	2.2	2.3	2.2	2.2	2.2	2.1	2.2	2.3	2.3	2.2

  

Short Exposure Including IRDs																								
Statistic	2013-04	2013-05	2013-06	2013-07	2013-08	2013-09	2013-10	2013-11	2013-12	2014-01	2014-02	2014-03	2014-04	2014-05	2014-06	2014-07	2014-08	2014-09	2014-10	2014-11	2014-12	2015-01	2015-02	2015-03
10th Percentile	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
25th Percentile	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.3	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
Median	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.8	0.8	0.8	0.7	0.8	0.8	0.8	0.8	0.8	0.7	0.8	0.7	0.7	0.8	0.8
75th Percentile	2.1	2.1	2.0	2.0	2.0	1.9	1.8	1.8	1.8	1.8	1.9	1.9	1.7	1.8	1.8	1.8	1.9	1.9	2.0	1.9	1.8	1.8	1.8	1.9
90th Percentile	5.6	5.5	5.0	5.1	5.1	5.0	5.1	5.4	4.9	5.2	5.4	5.5	4.9	5.3	5.2	5.5	5.6	5.8	5.3	5.4	4.9	4.8	5.1	4.7
Mean	3.5	3.4	3.2	2.3	2.4	2.3	2.3	2.4	2.2	2.2	2.3	2.2	2.3	2.3	2.5	2.6	2.6	2.6	2.3	2.3	2.2	2.4	2.5	2.2

  

Short Exposure Excluding IRDs																								
Statistic	2013-04	2013-05	2013-06	2013-07	2013-08	2013-09	2013-10	2013-11	2013-12	2014-01	2014-02	2014-03	2014-04	2014-05	2014-06	2014-07	2014-08	2014-09	2014-10	2014-11	2014-12	2015-01	2015-02	2015-03
10th Percentile	0.1	0.1	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
25th Percentile	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Median	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
75th Percentile	1.5	1.5	1.3	1.4	1.4	1.3	1.3	1.4	1.2	1.3	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.3	1.2	1.3	1.3
90th Percentile	3.3	3.5	3.4	3.3	3.3	3.4	3.5	3.7	3.4	3.6	3.5	3.3	3.0	3.2	3.1	3.1	3.1	3.3	3.0	3.0	2.7	2.8	3.1	3.0
Mean	1.9	1.7	1.9	1.5	1.5	1.6	1.5	1.5	1.4	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.4	1.3

**B Industry Concentration**

**Table 22:** Large Hedge Fund Adviser Asset and Exposure Concentration  
(Percent of Total Reported)  
As reported on Form PF, Questions 3(a) and 26.

Month	Top 10 Advisers (NAV)	Top 20 Advisers (NAV)	Top 10 Advisers (GNE)	Top 20 Advisers (GNE)
2013-04	17.0	27.1	47.1	60.9
2013-05	17.2	27.5	47.4	60.0
2013-06	17.2	27.5	47.5	59.7
2013-07	18.4	28.0	47.2	59.3
2013-08	17.1	26.8	46.7	59.1
2013-09	17.1	26.8	45.3	58.6
2013-10	17.9	27.8	43.9	56.9
2013-11	17.6	27.5	45.5	58.5
2013-12	17.6	27.5	43.0	56.4
2014-01	17.8	27.6	45.4	57.7
2014-02	18.0	27.9	45.8	58.0
2014-03	18.0	27.9	43.3	56.2
2014-04	17.7	27.1	40.7	54.0
2014-05	17.7	27.1	41.7	54.7
2014-06	17.7	27.1	40.3	53.4
2014-07	16.4	25.9	41.0	54.0
2014-08	16.4	25.9	42.2	55.0
2014-09	16.4	25.9	41.4	53.7
2014-10	20.6	30.0	41.6	54.2
2014-11	20.6	30.0	42.1	54.5
2014-12	20.6	30.0	41.1	53.4
2015-01	17.3	26.8	40.0	53.1
2015-02	17.2	26.7	40.1	53.2
2015-03	17.3	26.9	38.6	52.1

## C Portfolio Turnover

**Table 23:** Aggregate Portfolio Turnover (\$ Billions)  
As reported on Form PF, Question 27.

Month	Futures	Sov. and muni. bonds	Listed equities	Corporate bonds	Convertible bonds	Total
2013-04	9,293	2,415	1,758	89	21	13,501
2013-05	11,444	2,717	1,740	102	26	15,912
2013-06	18,097	2,604	1,605	66	19	22,287
2013-07	8,136	2,025	1,563	62	16	11,725
2013-08	8,340	2,043	4,956	46	17	15,314
2013-09	12,356	2,157	1,461	94	21	15,979
2013-10	8,299	2,171	1,826	97	33	12,322
2013-11	8,852	1,942	1,553	91	28	12,356
2013-12	11,533	1,934	1,443	66	22	14,898
2014-01	10,957	2,357	1,968	99	30	15,248
2014-02	9,985	2,190	1,886	92	29	14,077
2014-03	17,827	2,395	1,860	109	55	22,094
2014-04	9,899	2,319	2,357	108	20	14,613
2014-05	11,116	2,276	2,077	100	23	15,546
2014-06	20,520	2,341	2,200	100	29	25,126
2014-07	9,105	2,347	1,720	89	19	13,205
2014-08	9,177	2,220	1,430	66	14	12,840
2014-09	12,784	2,572	1,509	107	23	16,899
2014-10	12,662	2,760	2,304	118	20	17,766
2014-11	8,427	1,983	1,534	88	17	12,019
2014-12	11,353	2,210	1,656	74	17	15,266
2015-01	9,726	2,339	1,812	93	17	13,962
2015-02	10,042	2,304	1,712	111	23	14,158
2015-03	11,421	2,291	1,856	123	24	15,680

**Figure 7:** Distributions of Portfolio Turnover  
(Winsorized, limits=[1%,99%])  
See Appendix C for an explanation of winsorization.  
As reported on Form PF, Questions 3(a) and 27.

Statistic	Total Turnover (\$ Billions)																							
	2013-04	2013-05	2013-06	2013-07	2013-08	2013-09	2013-10	2013-11	2013-12	2014-01	2014-02	2014-03	2014-04	2014-05	2014-06	2014-07	2014-08	2014-09	2014-10	2014-11	2014-12	2015-01	2015-02	2015-03
10th Percentile	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
25th Percentile	0.4	0.4	0.4	0.3	0.3	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.4
Median	1.4	1.4	1.4	1.2	1.1	1.3	1.3	1.2	1.2	1.3	1.2	1.4	1.2	1.2	1.2	1.1	1.0	1.2	1.5	1.1	1.3	1.3	1.2	1.3
75th Percentile	4.6	5.3	6.3	4.9	4.5	5.4	4.7	4.4	4.8	5.5	4.7	5.6	5.2	4.4	4.9	4.6	4.5	5.2	7.2	4.6	5.3	5.1	4.6	5.4
90th Percentile	29.1	35.4	35.6	27.9	23.7	35.0	32.5	25.0	28.8	30.6	32.3	38.5	28.1	32.0	37.2	35.1	33.5	52.6	38.1	24.1	34.6	28.1	26.0	34.8
Mean	24.0	28.4	32.4	22.4	24.5	27.0	22.9	21.9	24.0	27.9	26.6	31.8	25.5	26.7	32.8	22.6	22.7	29.4	29.9	20.4	25.8	24.0	23.9	27.6
Statistic	Total Turnover to NAV Ratio																							
	2013-04	2013-05	2013-06	2013-07	2013-08	2013-09	2013-10	2013-11	2013-12	2014-01	2014-02	2014-03	2014-04	2014-05	2014-06	2014-07	2014-08	2014-09	2014-10	2014-11	2014-12	2015-01	2015-02	2015-03
10th Percentile	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
25th Percentile	0.2	0.2	0.2	0.2	0.1	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.1	0.1	0.2	0.2	0.1	0.2	0.2	0.2	0.2
Median	0.6	0.6	0.7	0.5	0.5	0.5	0.5	0.5	0.6	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.6	0.7	0.5	0.6	0.5	0.5	0.5
75th Percentile	2.0	2.2	2.5	1.9	1.8	2.2	1.9	1.8	1.8	1.9	1.8	2.1	1.8	1.7	2.1	1.7	1.6	2.0	2.4	1.7	2.0	1.8	1.9	2.0
90th Percentile	12.9	14.3	16.4	11.3	10.9	14.6	10.6	8.8	9.8	11.1	12.5	17.1	10.5	11.1	11.6	13.0	9.8	12.4	14.3	10.4	10.9	9.8	8.4	11.1
Mean	7.3	8.1	8.6	5.6	6.4	7.0	5.0	5.1	6.2	5.9	5.9	7.6	7.1	6.9	9.0	6.7	5.9	7.1	7.4	4.6	5.9	5.8	6.1	6.4

## D Region and Country Exposure

**Table 24:** Large Hedge Fund Adviser Hedge Fund  
Region Exposure (\$ Billions)  
As reported on Form PF, Questions 3(a) and 28.

Region	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
North America	3,237	3,323	3,537	3,539	3,840	3,970	3,954	3,969
Europe EEA	1,163	1,128	1,243	1,323	1,354	1,290	1,129	1,234
Asia	577	619	605	557	687	632	612	605
South America	99	69	76	76	90	100	92	86
Europe Other	80	81	78	71	86	83	71	73
Supranational	33	27	27	41	42	41	39	41
Africa	18	21	17	22	26	25	20	24
Middle East	9	10	10	13	12	13	14	17

**Table 25:** Large Hedge Fund Adviser Hedge Fund  
Region Exposure (Percent of Aggregate NAV)  
As reported on Form PF, Questions 3(a) and 28.

Region	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
North America	143.6	142.2	135.0	132.5	134.3	140.8	129.9	131.6
Europe EEA	51.6	48.2	47.4	49.5	47.4	45.8	37.1	40.9
Asia	25.6	26.5	23.1	20.8	24.0	22.4	20.1	20.0
South America	4.4	3.0	2.9	2.8	3.1	3.6	3.0	2.9
Europe Other	3.6	3.4	3.0	2.7	3.0	2.9	2.3	2.4
Supranational	1.5	1.2	1.0	1.5	1.5	1.5	1.3	1.4
Africa	0.8	0.9	0.7	0.8	0.9	0.9	0.7	0.8
Middle East	0.4	0.4	0.4	0.5	0.4	0.5	0.5	0.6

**Table 26:** Large Hedge Fund Adviser Hedge Fund  
Country Exposure (\$ Billions)

As reported on Form PF, Questions 3(a) and 28.

Country	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
United States	3,048	3,091	3,330	3,360	3,635	3,769	3,757	3,762
Japan	278	282	258	234	266	244	237	230
China (Inc. Hong Kong)	99	119	90	112	202	134	142	149
Brazil	57	29	29	31	43	39	41	41
India	25	20	20	22	27	25	27	33
Russia	17	22	18	14	17	16	10	9

**Table 27:** Large Hedge Fund Adviser Hedge Fund  
Country Exposure (Percent of Aggregate NAV)

As reported on Form PF, Questions 3(a) and 28.

Country	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
United States	135.2	132.2	127.1	125.8	127.1	133.7	123.4	124.7
Japan	12.3	12.1	9.9	8.8	9.3	8.7	7.8	7.6
China (Inc. Hong Kong)	4.4	5.1	3.4	4.2	7.1	4.8	4.7	5.0
Brazil	2.5	1.2	1.1	1.2	1.5	1.4	1.3	1.4
India	1.1	0.8	0.8	0.8	0.9	0.9	0.9	1.1
Russia	0.8	1.0	0.7	0.5	0.6	0.6	0.3	0.3



## VIII Qualifying Hedge Fund Specific Information

### A Gross Exposure by Strategy<sup>5</sup>

**Table 28:** Exposures of Hedge Funds (\$ Billions)  
As reported on Form PF, Questions 9 and 20.

Category	Strategy	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
	Subtotal	1,083	1,164	1,306	1,338	1,453	1,432	1,508	1,609
Equity	Long/Short	691	752	854	867	909	904	924	983
	Market Neutral	218	222	239	254	275	294	309	***
	Long Bias	170	187	209	209	263	232	270	265
	Short Bias	3	3	5	8	5	2	5	***
	Subtotal	422	442	628	654	689	774	717	841
Relative Value	F.I. Sov.	230	229	387	414	433	520	470	578
	F.I. Asset Backed	87	105	112	114	128	133	128	139
	F.I. Corp.	44	45	54	54	59	54	51	53
	F.I. Conv. Arb.	40	43	48	46	48	47	49	50
	Volatility Arb.	21	20	28	25	21	19	19	21
Other	Subtotal	554	584	646	667	712	728	750	764
	Subtotal	336	509	384	403	438	384	441	453
Macro	Global Macro	244	412	275	291	306	297	333	357
	Currency	30	31	42	46	53	***	48	48
	Commodity	61	65	65	65	79	40	59	47
	Active Trading	1	1	1	1	1	***	1	1
	Subtotal	278	298	343	365	412	427	403	417
Event Driven	Distressed/Restruct.	169	179	188	196	192	185	178	185
	Equity	64	69	93	109	140	145	138	150
	Risk Arb./Merger Arb.	45	50	62	60	80	97	88	82
	Subtotal	233	244	266	278	299	291	299	291
Credit	Long/Short	211	220	243	254	273	264	272	261
	Asset Based Lending	22	24	23	24	25	27	27	29
	Subtotal	49	51	63	58	67	70	90	96
Managed Futures/CTA	Quantitative	45	***	***	***	***	***	***	***
	Fundamental	4	***	***	***	***	***	***	***
Investment in other funds	Subtotal	25	28	45	47	49	52	49	47
<b>Total</b>	<b>Total</b>	<b>2,979</b>	<b>3,318</b>	<b>3,681</b>	<b>3,810</b>	<b>4,119</b>	<b>4,158</b>	<b>4,256</b>	<b>4,518</b>

<sup>5</sup>Form PF Question 20 requires advisers to indicate which strategies best describe the reporting fund's strategies including a good faith estimate of the reporting fund's allocation among strategies, and provides a list of investment strategies for this purpose. Form PF does not define the investment strategies listed by Question 20.

**Table 29: Exposures of Hedge Funds (Percent of NAV)**  
As reported on Form PF, Questions 9 and 20.

Category	Strategy	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
	Subtotal	49.8	51.2	52.0	51.5	52.6	52.4	53.9	54.2
Equity	Long/Short	31.8	33.1	34.0	33.4	33.0	33.0	33.0	33.1
	Market Neutral	10.1	9.7	9.5	9.8	10.0	10.8	11.1	***
	Long Bias	7.8	8.2	8.3	8.0	9.5	8.5	9.6	8.9
	Short Bias	0.1	0.1	0.2	0.3	0.2	0.1	0.2	***
	Subtotal	19.4	19.5	25.0	25.2	25.0	28.3	25.6	28.3
Relative Value	F.I. Sov.	10.6	10.1	15.4	15.9	15.7	19.0	16.8	19.5
	F.I. Asset Backed	4.0	4.6	4.4	4.4	4.6	4.9	4.6	4.7
	F.I. Corp.	2.0	2.0	2.1	2.1	2.1	2.0	1.8	1.8
	F.I. Conv. Arb.	1.8	1.9	1.9	1.8	1.8	1.7	1.7	1.7
	Volatility Arb.	1.0	0.9	1.1	1.0	0.8	0.7	0.7	0.7
Other	Subtotal	25.5	25.7	25.7	25.7	25.8	26.6	26.8	25.7
	Subtotal	15.4	22.4	15.3	15.5	15.9	14.0	15.8	15.2
Macro	Global Macro	11.2	18.1	10.9	11.2	11.1	10.8	11.9	12.0
	Currency	1.4	1.4	1.7	1.8	1.9	***	1.7	1.6
	Commodity	2.8	2.9	2.6	2.5	2.9	1.5	2.1	1.6
	Active Trading	0.0	0.0	0.1	0.0	0.0	***	0.0	0.0
	Subtotal	12.8	13.1	13.7	14.1	14.9	15.6	14.4	14.0
Event Driven	Distressed/Restruct.	7.8	7.9	7.5	7.6	7.0	6.8	6.3	6.2
	Equity	2.9	3.0	3.7	4.2	5.1	5.3	4.9	5.0
	Risk Arb./Merger Arb.	2.1	2.2	2.5	2.3	2.9	3.5	3.1	2.8
	Subtotal	10.7	10.7	10.6	10.7	10.8	10.6	10.7	9.8
Credit	Long/Short	9.7	9.7	9.7	9.8	9.9	9.6	9.7	8.8
	Asset Based Lending	1.0	1.0	0.9	0.9	0.9	1.0	1.0	1.0
	Subtotal	2.3	2.2	2.5	2.2	2.4	2.5	3.2	3.2
Managed Futures/CTA	Quantitative	2.1	***	***	***	***	***	***	***
	Fundamental	0.2	***	***	***	***	***	***	***
Investment in other funds	Subtotal	1.1	1.2	1.8	1.8	1.8	1.9	1.8	1.6
<b>Total</b>	<b>Total</b>	<b>137.1</b>	<b>146.0</b>	<b>146.4</b>	<b>146.7</b>	<b>149.3</b>	<b>152.0</b>	<b>152.0</b>	<b>152.1</b>

**B Liquidity****Table 30:** Investor Liquidity for Qualifying Hedge Funds (Percent of Aggregate NAV)  
As reported on Form PF, Questions 9 and 50.

Liquidation Period	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
At most 1 day	6.8	6.5	7.7	9.9	7.8	6.0	7.6	6.9
At most 7 days	8.9	8.7	11.3	11.9	11.0	9.7	11.4	13.1
At most 30 days	22.9	22.3	24.5	26.2	24.3	23.7	25.9	27.6
At most 90 days	43.1	44.0	48.5	44.8	44.2	44.9	49.8	47.1
At most 180 days	58.4	59.8	57.9	59.5	58.4	61.4	59.0	60.8
At most 365 days	75.8	74.8	75.5	76.0	75.6	75.3	75.5	75.1

**Table 31:** Portfolio Liquidity for Qualifying Hedge Funds (Percent of Aggregate NAV)  
As reported on Form PF, Questions 9 and 32.

Liquidation Period	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
At most 1 day	28.6	28.3	28.6	29.4	29.7	29.0	29.2	30.3
At most 7 days	56.5	56.2	57.0	58.1	57.9	57.3	56.6	58.4
At most 30 days	74.1	74.5	75.1	75.5	75.1	74.7	74.3	75.3
At most 90 days	82.3	82.7	83.4	83.2	82.8	83.0	83.3	83.7
At most 180 days	85.8	86.5	87.1	87.1	86.7	87.4	87.5	87.3
At most 365 days	89.9	90.4	90.8	90.5	90.4	90.8	90.8	90.8

**Figure 8:** Asset Weighted-Average Qualifying Hedge Fund  
Investor and Portfolio Liquidity Reported on Form PF as of First Calendar Quarter 2015  
As reported on Form PF, Questions 9, 32, and 50.

Statistic	At most 1 day	At most 7 days	At most 30 days	At most 90 days	At most 180 days	At most 365 days
Port Liquidity	30.3	58.4	75.3	83.7	87.3	90.8
Inv Liquidity	6.9	13.1	27.6	47.1	60.8	75.1

**Table 32:** Restrictions on Qualifying Hedge Fund Assets (\$ Billions)  
As reported on Form PF, Questions 48 and 49.

Type	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
May Suspend	1,647	1,747	1,919	1,987	2,105	2,087	2,143	2,294
May Have Gates	1,089	1,144	1,229	1,279	1,365	1,395	1,409	1,450
Gated	25	34	28	29	32	30	41	43
Side Pocketed	41	39	37	37	42	39	39	37
Suspended	16	19	10	10	9	8	13	12

**Figure 9: Distribution of NAV in Side-Pocket**  
As reported on Form PF, Questions 9 and 48.

Statistic	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
10th Percentile	1.0%	1.0%	1.0%	1.0%	2.0%	1.0%	1.0%	1.0%
25th Percentile	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%
Median	6.0%	6.0%	6.0%	5.0%	5.0%	5.0%	6.0%	5.0%
75th Percentile	16.0%	15.0%	13.5%	14.0%	14.0%	14.3%	15.0%	15.0%
90th Percentile	30.0%	32.0%	27.0%	29.0%	32.0%	27.0%	33.0%	29.0%
Mean	14.3%	13.1%	11.2%	12.1%	13.4%	11.5%	12.5%	11.6%

## C Borrowings

**Table 33: Borrowings of Qualifying Hedge Funds (\$ Billions)**  
As reported on Form PF, Question 43 (Third Month).

Type	Subtype	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
Secured	Subtotal	1,755	1,700	1,698	1,777	1,807	1,847	1,874	1,999
	Prime Broker	835	846	926	997	990	985	1,039	1,077
	Reverse Repo	695	598	508	500	547	576	555	647
	Other Secured	225	256	265	279	270	286	280	276
Unsecured	Subtotal	5	7	7	10	11	11	9	8
<b>Total</b>	<b>Total</b>	1,760	1,706	1,705	1,787	1,818	1,858	1,883	2,007

## D Central Clearing

**Figure 10: Qualifying Hedge Funds Using Central Clearing**  
As reported on Form PF, Question 39.

Statistic	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
Percent of Funds	19.6	19.6	20.2	22.3	21.5	20.7	20.2	19.7
Percent of NAV	18.5	17.3	17.9	21.4	21.0	20.4	19.3	19.0

## IX Section 3 Liquidity Fund Specific Information

### A Liquidity

**Table 34:** Investor Liquidity For Section 3 Liquidity Funds (Percent of Aggregate NAV)  
As reported on Form PF, Questions 9 and 64.

Liquidation Period	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
At most 1 day	70.8	70.2	72.3	70.3	68.7	70.8	71.9	73.2
At most 7 days	90.7	91.0	91.5	91.0	90.6	91.4	91.4	92.0
At most 30 days	99.3	99.6	99.7	99.6	99.2	99.3	99.3	99.4
At most 90 days	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
At most 180 days	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
At most 365 days	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

**Table 35:** Suspensions and Gates of Section 3 Liquidity Funds (\$ Billions)  
As reported on Form PF, Question 63.

Type	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
May Suspend	229	221	220	229	243	265	255	268
May Have Gates	220	198	198	202	214	234	223	233
Suspended	0	0	0	0	0	0	0	0
Gated	0	0	0	0	0	0	0	0

## B Rule 2a-7 Compliance

**Table 36:** Rule 2a-7 Compliance (Percent of Funds)

As reported on Form PF, Questions 9 and 54.

Compliance Type	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
Credit Quality	63.0	60.9	60.9	63.0	63.6	65.9	60.0	61.9
Diversification	60.9	58.7	58.7	60.9	61.4	63.6	57.8	59.5
Liquidity	60.9	58.7	58.7	60.9	61.4	63.6	57.8	59.5
Maturity	60.9	58.7	58.7	60.9	61.4	63.6	57.8	59.5
Fully	54.3	52.2	52.2	54.3	56.8	56.8	51.1	54.8
None	34.8	37.0	37.0	34.8	34.1	31.8	37.8	35.7

**Table 37:** Rule 2a-7 Compliance (Percent of Aggregate NAV)

As reported on Form PF, Questions 9 and 54.

Compliance Type	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
Credit Quality	29.1	27.9	27.3	28.1	27.6	24.9	24.7	23.8
Diversification	29.1	27.9	27.3	28.0	27.5	24.9	24.7	23.8
Liquidity	28.6	27.5	26.9	27.6	27.0	24.5	24.3	23.4
Maturity	28.6	27.5	26.9	27.6	27.0	24.5	24.3	23.4
Fully	27.6	26.4	26.0	26.6	26.2	23.8	23.8	22.9
None	70.8	71.9	72.5	71.8	72.3	74.9	75.2	76.1

## C Methods of Calculating NAV

**Table 38:** NAV Calculation Method (Percent of Funds)

As reported on Form PF, Questions 9, 52, and 53.

Type	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
Stable	84.8	84.8	84.8	84.8	***	***	84.4	***
Floating	15.2	15.2	15.2	15.2	***	***	15.6	***

**Table 39:** NAV Calculation Method (Percent of Aggregate NAV)

As reported on Form PF, Questions 9, 52, and 53.

Type	2013Q2	2013Q3	2013Q4	2014Q1	2014Q2	2014Q3	2014Q4	2015Q1
Stable	72.0	71.7	71.0	72.4	***	***	71.9	***
Floating	28.0	28.3	29.0	27.6	***	***	28.1	***

## X Section 4 Private Equity Fund Specific Information

### A CPC Industry Concentration

**Table 40:** Gross Assets in CPC Industries (Percent of Total)  
As reported on Form PF, Questions 8 and 77.

Type	2013Q4	2014Q4
Oil & Gas Extraction	7.8	7.5
Electric Power Generation, Transmission & Distribution	3.8	3.7
Software Publishers	2.8	3.7
Pipeline Transportation	2.4	2.5
Telecommunications Data Processing Services	2.6	2.4
Data Processing, Hosting, & Related Services	2.8	2.2
Other Information Services	2.0	2.0
Other Financial Investment Activities	1.9	1.7
Support Activities for Mining	1.3	1.5
Electronic Shopping & Mail-Order Houses	0.8	1.4
Limited-Service Eating Places	1.0	1.4
Water Transportation	1.1	1.3
Pharmaceutical & Medicine Mfg	1.0	1.3
Medical Equipment & Supplies Mfg	1.1	1.2
Activities Related to Credit Intermediation	1.2	1.2
Management, Scientific, & Technical Consulting Services	1.0	1.2
Commercial Banking	1.8	1.1
Educational Services	1.1	1.0
Special Food Services	1.3	1.0

### B CPC Financial Leverage

**Figure 11:** Ratio of Portfolio Company Current to Total Liabilities (Percent)  
As reported on Form PF, Questions 71 and 72.

Statistic	2013Q4	2014Q4
10th Percentile	0.7	0.6
25th Percentile	1.8	1.4
Median	5.8	5.4
75th Percentile	20.0	18.1
90th Percentile	49.4	51.0
Mean	17.2	16.4

**Figure 12: CPC Payment-in-Kind Borrowings to Total Borrowings (Percent)**  
As reported on Form PF, Questions 73.

Statistic	2013Q4	2014Q4
10th Percentile	1.0	2.0
25th Percentile	4.0	3.0
Median	9.0	9.0
75th Percentile	18.0	23.0
90th Percentile	33.0	40.0
Mean	14.8	17.0

## C CPC Investments by Region and Country

**Table 41: Aggregate Gross Value of Private Equity Investments by Region (\$ Billions)**  
As reported on Form PF, Questions 70 and 78.

Region	2013Q4	2014Q4
North America	5,275	4,501
Europe EEA	1,423	1,259
Asia	571	462
South America	75	85
Supranational	65	67
Middle East	8	12
Africa	20	12
Europe Other	25	9

**Table 42: Private Equity CPC Investments by Region (Percent of Aggregate CPC Gross Asset Value)**  
As reported on Form PF, Questions 70 and 78.

Region	2013Q4	2014Q4
North America	70.7	70.2
Europe EEA	19.1	19.6
Asia	7.6	7.2
South America	1.0	1.3
Supranational	0.9	1.0
Middle East	0.1	0.2
Africa	0.3	0.2
Europe Other	0.3	0.1



**Table 43:** Aggregate Gross Asset Value of Private Equity  
CPC Investments by Country (\$ Billions)  
As reported on Form PF, Questions 70 and 78.

Country	2013Q4	2014Q4
United States	5,035	4,300
China and Hong Kong	171	186
Japan	233	98
India	63	83
Brazil	45	58
Russia	3	2

**Table 44:** Private Equity CPC Investments by Country  
(Percent of Aggregate CPC Gross Asset Value)  
As reported on Form PF, Questions 70 and 78.

Country	2013Q4	2014Q4
United States	67.5	67.1
China and Hong Kong	2.3	2.9
Japan	3.1	1.5
India	0.8	1.3
Brazil	0.6	0.9
Russia	0.0	0.0

## **XI Appendices**

### **A Form PF Filer Categories**

The amount of information an adviser must report and the frequency with which it must report on Form PF depends on the amount of the adviser's private fund assets and the types of private funds managed. Reporting advisers must identify the types of private funds they manage on Form PF.

#### **1 All Private Fund Advisers**

SEC-registered investment advisers with at least \$150 million in private fund assets under management are required to file Form PF. Registered investment advisers with less than \$150 million in private funds assets under management, exempt reporting advisers, and state-registered advisers report general private fund data on Form ADV, but do not file Form PF.<sup>6</sup> Not all Form PF filers report on a quarterly basis. Smaller private fund advisers and all private equity fund advisers file Form PF on an annual basis, while larger hedge fund advisers and larger liquidity fund advisers file the form quarterly.<sup>7</sup> As a result of the difference in reporting frequency, information in this report related to funds that are reported annually may be dated by several months.<sup>8</sup>

#### **2 Large Hedge Fund Advisers**

Large Hedge Fund Advisers have at least \$1.5 billion in hedge fund assets under management. A Large Hedge Fund Adviser is required to file Form PF quarterly and provide data about each hedge fund it managed during the reporting period (irrespective of the size of the fund).

Large Hedge Fund Advisers must report more information on Form PF about Qualifying Hedge Funds than other hedge funds they manage during the reporting period. A Qualifying Hedge Fund is any hedge fund advised by a Large Hedge Fund Adviser that had a NAV (individually or in combination with any feeder funds, parallel funds, and/or dependent parallel managed accounts) of at least \$500 million as of the last day of any month in the fiscal quarter immediately preceding the adviser's most recently completed fiscal quarter. This report provides information about all hedge funds reported by Large Hedge Fund Advisers, including Qualifying Hedge Funds and smaller hedge funds. This report also provides an overview of certain data reported solely for Qualifying Hedge Funds.

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<sup>6</sup>Note that these thresholds are on a gross basis. Exempt reporting advisers are advisers that rely on the exemptions from SEC registration in Advisers Act section 203(l) for venture capital fund advisers and section 203(m) for advisers managing less than \$150 million in private fund assets in the U.S.

<sup>7</sup>An adviser may be a large hedge fund adviser that must file quarterly to report data about the hedge funds it manages as well as a private equity fund adviser that must file only annually to report data about the private equity funds it manages.

<sup>8</sup>In addition, because some Form PF filers have fiscal year ends that are not December 31, not all Form PF data is filed as of a single date.

### **3 Large Liquidity Fund Advisers**

Large Liquidity Fund Advisers have at least \$1 billion in combined liquidity fund and money market fund assets under management. On a quarterly basis, such advisers report on Form PF data about the liquidity funds they managed during the reporting period (irrespective of the size of the fund). This report contains information about all liquidity funds reported by Large Liquidity Fund Advisers (referred to in this report as “Section 3 Liquidity Funds”).

### **4 Large Private Equity Fund Advisers**

Large Private Equity Fund Advisers have at least a \$2 billion in private equity fund assets under management. These advisers are required to file Form PF annually in connection with the private equity funds they managed during the reporting period. Smaller Private Equity Fund Advisers must file annually as well, but provide less detail regarding the private equity funds they manage. This report provides information about private equity funds managed by Large Private Equity Fund Advisers (referred to in this report as “Section 4 Private Equity Funds”).

### **5 Other Private Fund Advisers**

All advisers required to file Form PF that are not Large Hedge Fund Advisers or Large Liquidity Fund Advisers must file Form PF annually to report data about each private fund managed by the adviser.<sup>9</sup> These “annual filing advisers” include smaller fund advisers, Large Private Equity Fund advisers, and venture capital fund advisers. Annual filers must provide specific information about each of the private funds they manage on an annual basis.

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<sup>9</sup>This includes “other private funds,” which are private funds that do not meet the Form PF definition of hedge fund, liquidity fund, private equity fund, real estate fund, securitized asset fund, or venture capital fund.

## B Handling Annual and Quarterly Data

Only a subset of filers (Large Hedge Fund Advisers and Large Liquidity Fund Advisers) are required to file Form PF quarterly; all other filings are made annually. Annual filings are typically, but not always, made at the end of the calendar year, as Form PF allows filings to be made at the end of an adviser's fiscal year. In order to present the most complete and recent data possible, while accounting for differences in filing dates, we use the following procedure for determining which data to consider in any given quarter:

First, filings are grouped by their report date within their reported year:

- (Q1): February 15 to May 14
- (Q2): May 15 to August 14
- (Q3): August 15 to November 14
- (Q4): November 15 to February 14

Then, responses for funds that have no information are 'filled forward' — essentially, copied from last reported values — up to a maximum of three quarters. Any fund that has no data four quarters after its most recent date is no longer counted or included in any calculations.<sup>10</sup>

## C Mitigating the Effects of Outliers

Form PF data occasionally contains spurious outliers. While REO staff actively engages in outreach to identify and correct such values, not all aberrant values have been corrected as of this writing. To reduce the effect of these outliers on the aggregate measures reported here, we have chosen to winsorize or trim some data sets.

Winsorization is a technique for reducing the effect of outliers by reducing the size of the largest and smallest values in a distribution.<sup>11</sup> For example, to calculate a 95%/5% Winsorized data set, all the values above the ninety-fifth percentile are set to the value of the ninety-fifth percentile, and all the values below the fifth percentile are set to the value of the fifth percentile. Effectively, this procedure makes the very largest values smaller (but still large), and all the smallest values larger (but still small). This approach can be more effective than trimming (simply removing the largest and/or smallest values) because it does not change the number of data points and does not change the median or other percentile values within the 95%/5% range. All instances of winsorization or trimming have been noted and include the affected percentiles.

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<sup>10</sup>Form PF has no requirement to inform the SEC if a fund liquidates or otherwise terminates operations. Therefore, liquidations or terminations may not be reflected on this report for up to one year after ceasing operations.

<sup>11</sup>Such techniques are known as 'robust statistics', reviewed for example in Wilcox (2012), *Introduction to Robust Estimation & Hypothesis Testing*, 3rd Edition.

## D Definitions

*Included by reference are all definitions included in the glossary of Form PF.*

<i>Aggregate Exposure</i>	A dollar value for long and short positions as of the last day in each month of the reporting period, by sub-asset class, including all exposure whether held physically, synthetically or through derivatives. Includes closed out and OTC forward positions that have not expired, as well as positions in side-pockets.
<i>Borrowing</i>	In Form PF, borrowings include secured borrowings, unsecured borrowings, as well as synthetic borrowings (e.g., total return swaps that meet the failed sale accounting requirements).
<i>CPC</i>	Controlled portfolio company, as defined in Form PF.
<i>Gross Notional Exposure (GNE)</i>	The gross nominal or notional value of all transactions that have been entered into but not yet settled as of the data reporting date. For contracts with variable nominal or notional principal amounts, the basis for reporting is the nominal or notional principal amounts as of the data reporting date.
<i>Hedge Fund</i>	Any private fund (other than a securitized asset fund): (a) with respect to which one or more investment advisers (or related persons of investment advisers) may be paid a performance fee or allocation calculated by taking into account unrealized gains (other than a fee or allocation the calculation of which may take into account unrealized gains solely for the purpose of reducing such fee or allocation to reflect net unrealized losses); (b) that may borrow an amount in excess of one-half of its net asset value (including any committed capital) or may have gross notional exposure in excess of twice its net asset value (including any committed capital); or (c) that may sell securities or other assets short or enter into similar transactions (other than for the purpose of hedging currency exposure or managing duration). The definition of a hedge fund for Form PF purposes also includes any commodity pool an adviser reports on Form PF.
<i>IRDs</i>	Interest rate derivatives, including foreign exchange derivatives used for either investment or hedging.
<i>Large Hedge Fund Adviser</i>	An adviser that has at least \$1.5 billion in hedge fund assets under management.

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<i>Large Liquidity Fund Adviser</i>	An adviser that has at least \$1 billion in combined liquidity fund and money market fund assets under management.
<i>Large Private Equity Fund Adviser</i>	An adviser that has at least a \$2 billion in private equity fund assets under management.
<i>Parallel Managed Account</i>	An account advised by an adviser that pursues substantially the same investment objective and strategy and invests side by side in substantially the same positions as the reporting fund.
<i>Qualifying Hedge Fund</i>	A hedge fund advised by a Large Hedge Fund Adviser that has a net asset value (individually or in combination with any feeder funds, parallel funds, and/or dependent parallel managed accounts) of at least \$500 million as of the last day of any month in the fiscal quarter immediately preceding the adviser's most recently completed fiscal quarter.
<i>Section 3 Liquidity Fund</i>	A liquidity fund advised by a Large Liquidity Fund Adviser.
<i>Section 4 Private Equity Fund</i>	A private equity fund advised by a Large Private Equity Fund Adviser.
<i>Value</i>	For derivatives (other than options), "value" means gross notional value; for options, "value" means delta adjusted notional value; for all other investments and for all borrowings where the reporting fund is the creditor, "value" means market value or, where there is not a readily available market value, fair value; for borrowings where the reporting fund is the debtor, "value" means the value you report internally and to current and prospective investors.