

Intelligence for Institutional Investors

P&I RESEARCH CENTER

P&I RESEARCH CENTER HIGHLIGHTS

- Interactive rankings with detailed asset information for asset owners, money management firms, and institutional investment consulting firms.
- Firm profiles with detailed historical overviews and contact information
 - Each major P&I survey is updated annually
- Interactive heat map and geographical maps
- P&I's M&A and Pension Risk Transfer Databases
- Additional graphical elements including sparklines and expanded view charts
- Money manager performance profiles on more than 7,000 separate account and over 7,000 hedge fund products — updated monthly

NUMBER OF ORGANIZATIONS IN EACH DIRECTORY

Pension Funds	1,000+
Foundations, Endowments	100+
Money Managers	650+
Consultants	100+
Real Estate Managers	100+
DC Record Keepers	50+

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HOME | ASSET OWNER | CONSULTANT | MONEY MANAGER

U.S. PLAN SPONSORS

P&I RANK	NAME	TOTAL PLAN ASSETS	TOTAL U.S. DB ASSETS	TOTAL U.S. DC ASSETS
1	Federal Retirement Thrift Investment Board	\$531,489	—	\$531,489
2	California Public Employees' Retirement System	\$336,684	\$335,083	\$1,601
3	California State Teachers' Retirement System	\$216,193	\$215,318	\$875
4	New York State Common Retirement Fund	\$201,263	\$201,263	—
5	New York City Retirement Systems	\$189,794	\$189,794	—
6	State Board of Administration of Florida	\$167,900	\$157,562	\$10,338
7	Teacher Retirement System of Texas	\$146,326	\$146,326	—
8	The Boeing Co.	\$121,717	\$63,553	\$58,164
9	New York State Teachers' Retirement System	\$115,637	\$115,637	\$0
10	AT&T Inc.	\$113,582	\$55,885	\$57,697
11	State of Wisconsin Investment Board	\$109,960	\$105,155	\$4,805
12	North Carolina Retirement Systems	\$106,946	\$96,094	\$10,852
13	Washington State Investment Board	\$104,260	\$86,615	\$17,645
14	International Business Machines Corp.	\$103,676	\$52,249	\$51,427
15	Ohio Public Employees Retirement System	\$97,713	\$96,304	\$1,409
16	General Motors Co.	\$96,284	\$67,167	\$29,117
17	University of California Retirement System	\$87,452	\$64,378	\$23,074
18	New Jersey Division of Investment	\$80,486	\$76,361	\$4,125
19	Virginia Retirement System	\$79,238	\$76,023	\$3,215
20	General Electric Co.	\$78,839	\$49,360	\$29,479

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HOME | ASSET OWNER | CONSULTANT | MONEY MANAGER | DC RECORD KEEPER | SAVED REPORTS | LOG OUT

U.S. PLAN SPONSORS / OVERVIEW

Federal Reserve Employee Benefits System 2017

WILLIAM G. CLARK CO. WEBSITE: \$12-848-3680
 VERA M. BROOKBANKER DC INVESTMENT ASSOCIATE \$12-848-3689

TOTAL ASSETS: \$24,681
 DEFINED BENEFIT: \$15,912
 DEFINED CONTRIBUTION: \$8,769

	2017	2016	2015	2014	2013
Total DB Assets	\$15,912	\$13,846	\$12,706	\$12,062	\$10,353
Equity	43.9%	47.3%	48.5%	47.3%	51.8%
Domestic Equity	22.7%	25.3%	25.6%	24.0%	36.8%
International Equity	21.2%	22.0%	22.9%	23.3%	15.0%
Global Equity	—	—	—	—	—
Fixed Income	48.9%	47.3%	48.4%	52.1%	47.9%
Domestic	48.9%	47.3%	48.4%	52.1%	47.9%
International	—	—	—	—	—
Alternatives	6.3%	4.4%	2.7%	0.3%	—
Private Equity	3.4%	2.0%	1.0%	0.3%	—
Real Estate	2.9%	2.4%	1.7%	—	—
Other	—	—	—	—	—
Cash	0.9%	0.6%	0.4%	0.3%	0.3%

**NOW INCLUDING
ENHANCED CONTACT
INFORMATION**

Sales contact: Paul Margolis, Director, Enterprise Licensing | 212.210.0244 | pmargolis@pionline.com

Research/data contact: Aaron M. Cunningham, CAIA, Director, Research & Analytics | +1 916.841.7893 | acunningham@pionline.com

DETAILED DATA OVERVIEW

U.S. PLAN SPONSORS

- DB assets
- DC assets
- DB equity
 - Domestic
 - International
 - Emerging
- Internally managed assets
- DB fixed income
 - Domestic
 - International
 - Emerging
- Alternatives
 - Real estate
 - Private equity
 - Hedge funds
 - Other
- DC assets by plan type
- DC asset allocation

NON-U.S. PLAN SPONSORS

- European DB plans
- Australian superannuation plans
- Canadian DB plans

FOUNDATIONS & ENDOWMENTS

- Investment assets
- Asset allocation
- Individuals in charge of investments

MONEY MANAGERS

- Assets under management
- AUM by client domicile
- Sub advisory assets
- Mutual fund assets
- Equity AUM
 - Domestic (active, passive and enhanced)
 - International (active, passive and enhanced)
 - Global
- Fixed income AUM
 - Domestic (active, passive and enhanced)
 - International (active and passive)
 - Global
- Alternatives AUM
 - Real estate
 - Private equity
 - Hedge funds
 - Other
- DC assets
 - Equity
 - Fixed income
 - Other

- DC asset by plan type
- Overlay assets

CONSULTANTS

- Assets under advisement
- Manager research contacts
- Clients
 - Pension type/E&F
 - DB/DC

REAL ESTATE MANAGERS

- Assets by category (e.g., equity, timber, mortgages and etc)
- Investments by property type
- Investments by NCREIF geography
- Assets by global geography
- REITs

DC RECORD KEEPERS

- Records kept
 - Assets
 - Number of participants
 - Number of plan sponsors
 - DC type (e.g., 401(k), 403(b) and etc.)

WHY P&I RESEARCH CENTER?



The information available in the Research Center provides crucial data and analytics to support multiple roles in your organization including:

SALES AND MARKETING

- Quickly garner insight into a specific organization with profiles of the 1,000 largest U.S. plan sponsors and largest U.S. endowments and foundations including:
 - Asset allocation
 - Current investment consultant(s) and money managers
 - General contact information
- Build stronger and new relationships with investment consultants with in-depth profiles and detailed contact information for a dozen positions

BUSINESS STRATEGY

- Conduct detailed current year and historic market share analysis
- Perform detailed analysis on a particular firm with multiple years of assets under management including a detailed breakdown by asset class, client type, etc...

EXECUTIVE SUITE/BOARD OF DIRECTORS

- Perform macro level analysis of assets under management for the U.S. money management industry
- Quantify the movement of assets such as the shift of defined contribution from defined benefit
- Analyze asset allocation trends of U.S. plan sponsors

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