



Universe List

Informa Investment Solutions understands the importance of complete and up-to-date return data, particularly at quarter-end. Because return information is updated daily in PSN Enterprise, the completeness of data and the number of universes affected increases every day. When managers input their return information, data is updated, validated and available in PSN Enterprise before the next business day begins. IIS employs a stringent data validation process and return-update schedule as outlined at right.

The following is a list of PSN universes and the number of active products for each.

Data Collection Goals:

- > 50% updated by the 15th of the month following quarter end (approximately 10 business days)
- ~ 70% updated one week later on the 22nd of the month
- ~ 80% updated one week later at month-end
- > 90% updated six weeks after quarter-end

PSN Quantitative–Qualitative Universes

US Equity

	Active Products
PSN US Equity	3195
PSN US Core	820
PSN US Growth	881
PSN US Value	943
PSN US GARP	142
PSN US Broad Equity Aggressive	637
PSN Broad Equity Moderate	1219
PSN Broad Equity Conservative	621
PSN Commodities & Energy	23
PSN All Cap	517
PSN All Cap Core	131
PSN All Cap Growth	79
PSN All Value	160
PSN Large Cap	1389
PSN Large Cap Core	430
PSN Large Cap Growth	382
PSN Large Cap Value	360

	Active Products
PSN Large Cap Enhanced S&P500	63
PSN Mid Cap	455
PSN Mid Cap Core	77
PSN Mid Cap Growth	171
PSN Mid Cap Value	156
PSN Small-Mid Cap	188
PSN Small-Mid Core	50
PSN Small-Mid Growth	70
PSN Small-Mid Value	54
PSN Small Cap	708
PSN Small Cap Core	169
PSN Small Cap Growth	230
PSN Small Cap Value	242
PSN Micro Cap	64
PSN Market Neutral	36
PSN REIT/Real Estate	43
PSN Active Extension	47



US Fixed Income

	Active Products
PSN US Fixed Income	1427
PSN Core Fixed Income	373
PSN Core Plus Fixed Income	115
PSN Corporate Bond Managers	91
PSN All/Variable Maturity	280
PSN Less than 1Yr Maturity	63
PSN Short Term Fixed Income	207
PSN Intermediate Fixed Income	560
PSN Long Term Fixed Income	161
PSN Fixed Income ex High Yield, Convertible	1212
PSN Government Bond Managers	104
PSN Government Short Term Fixed	42
PSN High Yield Fixed Income	125
PSN High Yield Intermediate	80
PSN Investment Grade Fixed Income	776
PSN Investment Grade Fixed Income Short	131
PSN Investment Grade Fixed Income Interm	349
PSN Investment Grade Fixed Long Term	110
PSN Municipal Fixed Income	157
PSN Short Municipal Fixed Income	14
PSN Intermediate Municipal Fixed Income	88
PSN Long Municipal Fixed Income	30
PSN Mortgage Backed	46

Non-US/Global Balanced and Fixed Income

	Active Products
PSN Global Fixed Income	106
PSN International Fixed Income	88
PSN Intl Emerging Markets Debt	38
PSN Global/Intl Balanced	111

US Balanced

	Active Products
PSN Balanced Aggressive	61
PSN Balanced Moderate	101
PSN Balanced Conservative	42
PSN Convertibles	38
PSN US Balanced	249
PSN Target Date	11

Non-US/Global Equity

	Active Products
PSN Global Equity	356
PSN Global Growth	55
PSN Global Value	86
PSN International Equity	737
PSN International Value	187
PSN International Growth	158
PSN Intl Large Cap	319
PSN Intl Small Cap	77
PSN Pure International Equity	469
PSN Intl Emerging Markets	116
PSN Intl Equity ex Emerging Markets	621
PSN Intl and Global Equity ex Emerging Markets	971
PSN EAFE	314
PSN Japanese Equity	30
PSN European Equity	49
PSN Global/International REIT	28



PSN Return Based Style Analysis Universes – US Equity

	Active Products
PSN RBSA Broad Growth	1390
PSN RBSA Broad Growth Aggressive	356
PSN RBSA Broad Growth Conservative	353
PSN RBSA Broad Growth Moderate	681
PSN RBSA Broad Value	794
PSN RBSA Broad Value Aggressive	205
PSN RBSA Broad Value Conservative	193
PSN RBSA Broad Value Moderate	396
PSN RBSA Broad Large Cap	956
PSN RBSA Broad Large Cap Aggressive	242
PSN RBSA Broad Large Cap Conservative	239
PSN RBSA Broad Large Cap Moderate	475
PSN RBSA Broad Large Cap Growth	441
PSN RBSA Broad Large Cap Growth Aggressive	104
PSN RBSA Broad Large Cap Growth Conservative	114
PSN RBSA Broad Large Cap Growth Moderate	223
PSN RBSA Broad Large Cap Value	357
PSN RBSA Broad Large Cap Value Aggressive	94
PSN RBSA Broad Large Cap Value Conservative	86
PSN RBSA Broad Large Cap Value Moderate	177
PSN RBSA Broad Small Cap	364
PSN RBSA Broad Small Cap Aggressive	90
PSN RBSA Broad Small Cap Conservative	94
PSN RBSA Broad Small Cap Moderate	180
PSN RBSA Broad Small Cap Growth	205
PSN RBSA Broad Small Cap Growth Aggressive	55
PSN RBSA Broad Small Cap Growth Conservative	52
PSN RBSA Broad Small Cap Growth Moderate	98
PSN RBSA Broad Small Cap Value	108
PSN RBSA Broad Small Cap Value Aggressive	24
PSN RBSA Broad Small Cap Value Conservative	29
PSN RBSA Broad Small Cap Value Moderate	55
PSN RBSA Mid Cap	297
PSN RBSA Mid Cap Growth	275

	Active Products
PSN RBSA Mid Cap Value	70
PSN RBSA Pure Growth	852
PSN RBSA Pure Growth Aggressive	219
PSN RBSA Pure Growth Conservative	214
PSN RBSA Pure Growth Moderate	419
PSN RBSA Pure Value	295
PSN RBSA Pure Value Aggressive	74
PSN RBSA Pure Value Conservative	72
PSN RBSA Pure Value Moderate	149
PSN RBSA Pure Large Cap	625
PSN RBSA Pure Large Cap Aggressive	159
PSN RBSA Pure Large Cap Conservative	160
PSN RBSA Pure Large Cap Moderate	306
PSN RBSA Pure Large Cap Growth	187
PSN RBSA Pure Large Cap Growth Aggressive	42
PSN RBSA Pure Large Cap Growth Conservative	53
PSN RBSA Pure Large Cap Growth Moderate	92
PSN RBSA Pure Large Cap Value	83
PSN RBSA Pure Large Cap Value Aggressive	22
PSN RBSA Pure Large Cap Value Conservative	19
PSN RBSA Pure Large Cap Value Moderate	42
PSN RBSA Pure Small Cap	158
PSN RBSA Pure Small Cap Aggressive	39
PSN RBSA Pure Small Cap Conservative	41
PSN RBSA Pure Small Cap Moderate	78
PSN RBSA Pure Small Cap Growth	60
PSN RBSA Pure Small Cap Growth Aggressive	15
PSN RBSA Pure Small Cap Growth Conservative	14
PSN RBSA Pure Small Cap Growth Moderate	31
PSN RBSA Pure Small Cap Value	25
PSN RBSA Pure Small Cap Value Aggressive	5
PSN RBSA Pure Small Cap Value Conservative	8
PSN RBSA Pure Small Cap Value Moderate	12



PSN Managed Account Universes

MA US Equity

	Active Products
PSN MA US Equity	308
PSN MA US Growth	87
PSN MA US Core	94
PSN MA US Value	102
PSN MA Large Cap Equity	149
PSN MA Large Cap Growth	48
PSN MA Large Cap Core	43
PSN MA Large Cap Value	48
PSN MA Mid Cap Equity	53
PSN MA Mid Cap Growth	22
PSN MA Small Cap Equity	46
PSN MA Small Cap Value	22

MA US Balanced and Fixed Income

	Active Products
PSN MA US Balanced	34
PSN MA US Fixed Income	109
PSN MA US Core Fixed Income	26
PSN MA Intermediate Fixed Income	68
PSN MA Municipal Fixed Income	31

MA Non-US/Global Equity

	Active Products
PSN MA Global Equity	21
PSN MA International Equity	40
PSN MA Other	4

PSN Commingled Fund Universes

	Active Products
PSN CF US Equity	99
PSN CF Large Cap Core	22
PSN CF Large Cap Equity	42
PSN CF Mid Cap Equity	11
PSN CF Small Cap Equity	19

	Active Products
PSN CF US Fixed Income	59
PSN CF Intermediate Fixed Income	21
PSN CF International Equity	52
PSN CF Other	40

PSN Mutual Fund Universes

	Active Products
PSN MF US Equity	77
PSN MF US Fixed Income	44
PSN MF US Balanced	16

	Active Products
PSN MF International Equity	44
PSN MF Other	16