

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 Value	942
PSN US Growth	788
PSN US GARP	122
PSN US Equity Index Passive	93
PSN US Equity Index Enhanced	122
PSN US Equity	3121
PSN US Core	790
PSN US Broad Equity Moderate	1293
PSN US Broad Equity Conservative	624
PSN US Broad Equity Aggressive	660
PSN Large Cap Value	364
PSN Large Cap Growth	322
PSN Large Cap Enhanced S&P500	46
PSN Large Cap Core	371
PSN Large Cap	1299
PSN Infrastructure	14
PSN Commodities & Energy	50
PSN All Cap Value	144
PSN All Cap Growth	99
PSN All Cap Core	136
PSN All Cap	546
PSN Master Limited Partnerships	29

	Active Products
PSN Mid Cap Growth	154
PSN Mid Cap Core	92
PSN Mid Cap Value	146
PSN US High Income	173
PSN Micro Cap Value	25
PSN Micro Cap Core	18
PSN Mid Cap	446
PSN Small-Mid Core	41
PSN Small-Mid Growth	50
PSN Small-Mid Cap	169
PSN Active Extension	33
PSN US REIT/Real Estate	52
PSN Micro Cap Growth	18
PSN Market Neutral	19
PSN Micro Cap	69
PSN US Equity Socially Responsible	73
PSN Small-Mid Value	65
PSN Small Cap Value	263
PSN Small Cap Growth	197
PSN Small Cap Core	173
PSN Small Cap	689

US Fixed Income

	Active Products
PSN US Fixed Income	1577
PSN Core Fixed Income	406
PSN Core Plus Fixed Income	130
PSN Corporate Bond Managers	127
PSN All/Variable Maturity	295
PSN Less than 1Yr Maturity	63
PSN US Bank Loans	42
PSN US TIPS	46
PSN Short Term Fixed Income	236
PSN Intermediate Fixed Income	609
PSN Long Term Fixed Income	197
PSN Fixed Income ex High Yield, Convertible	1337
PSN US Stable Value Fixed	18
PSN Government Bond Managers	64
PSN Government Short Term Fixed	24
PSN High Yield Fixed Income	147
PSN High Yield Intermediate	87
PSN Investment Grade Fixed Income	1062
PSN Investment Grade Fixed Income Short	238
PSN Investment Grade Fixed Income Interm	449
PSN Investment Grade Fixed Long Term	164
PSN Municipal Fixed Income	185
PSN Short Municipal Fixed Income	28
PSN Intermediate Municipal Fixed Income	102
PSN Long Municipal Fixed Income	30
PSN Mortgage Backed	61
PSN Fixed Income Socially Responsible	14

Non-US/Global Balanced and Fixed Income

	Active Products
PSN Global Fixed Income	192
PSN International Fixed Income	167
PSN Intl Emerging Markets Debt	120
PSN Global/Intl Balanced	300
PSN Global TIPS	13
PSN Global/Intl TAA	131

US Balanced

	Active Products
PSN Balanced Aggressive	59
PSN Balanced Moderate	77
PSN Balanced Conservative	63
PSN Convertibles	36
PSN US Balanced	309
PSN Target Date	63
PSN US TAA	92

Non-US/Global Equity

	Active Products
PSN Canadian Equity	5
PSN Global Equity	604
PSN Global Growth	95
PSN Global Value	126
PSN International Equity	918
PSN International Value	220
PSN International Growth	185
PSN Intl Large Cap	324
PSN Intl Small Cap	123
PSN Pure International Equity	517
PSN Intl Emerging Markets	258
PSN Intl Equity ex Emerging Markets	643
PSN Intl and Global Equity ex Emerging Markets	1191
PSN EAFE	282
PSN EAFE All Cap	113
PSN EAFE Large Cap	144
PSN EAFE Small Cap	22
PSN Global/International REIT	49
PSN Country Specific	48
PSN Japanese Equity	27
PSN European Equity	37
PSN Global High Income	34
PSN Global Large Cap	233
PSN Global Small Cap	17
PSN Global/Intl ADR	162
PSN Global/Intl Equity Socially Responsible	33

PSN Return Based Style Analysis Universes – US Equity

	Active Products
PSN RBSA Broad Growth	1345
PSN RBSA Broad Growth Aggressive	343
PSN RBSA Broad Growth Conservative	332
PSN RBSA Broad Growth Moderate	670
PSN RBSA Broad Value	1009
PSN RBSA Broad Value Aggressive	263
PSN RBSA Broad Value Conservative	251
PSN RBSA Broad Value Moderate	503
PSN RBSA Broad Large Cap	1007
PSN RBSA Broad Large Cap Aggressive	248
PSN RBSA Broad Large Cap Conservative	256
PSN RBSA Broad Large Cap Moderate	495
PSN RBSA Broad Large Cap Growth	403
PSN RBSA Broad Large Cap Growth Aggressive	101
PSN RBSA Broad Large Cap Growth Conservative	106
PSN RBSA Broad Large Cap Growth Moderate	196
PSN RBSA Broad Large Cap Value	453
PSN RBSA Broad Large Cap Value Aggressive	113
PSN RBSA Broad Large Cap Value Conservative	116
PSN RBSA Broad Large Cap Value Moderate	224
PSN RBSA Broad Small Cap	454
PSN RBSA Broad Small Cap Aggressive	114
PSN RBSA Broad Small Cap Conservative	116
PSN RBSA Broad Small Cap Moderate	224
PSN RBSA Broad Small Cap Growth	250
PSN RBSA Broad Small Cap Growth Aggressive	62
PSN RBSA Broad Small Cap Growth Conservative	62
PSN RBSA Broad Small Cap Growth Moderate	126
PSN RBSA Broad Small Cap Value	135
PSN RBSA Broad Small Cap Value Aggressive	34
PSN RBSA Broad Small Cap Value Conservative	35
PSN RBSA Broad Small Cap Value Moderate	66
PSN RBSA Mid Cap	263
PSN RBSA Mid Cap Growth	137

	Active Products
PSN RBSA Mid Cap Value	66
PSN RBSA Pure Growth	742
PSN RBSA Pure Growth Aggressive	189
PSN RBSA Pure Growth Conservative	180
PSN RBSA Pure Growth Moderate	373
PSN RBSA Pure Value	324
PSN RBSA Pure Value Aggressive	89
PSN RBSA Pure Value Conservative	78
PSN RBSA Pure Value Moderate	157
PSN RBSA Pure Large Cap	704
PSN RBSA Pure Large Cap Aggressive	168
PSN RBSA Pure Large Cap Conservative	176
PSN RBSA Pure Large Cap Moderate	360
PSN RBSA Pure Large Cap Growth	176
PSN RBSA Pure Large Cap Growth Aggressive	44
PSN RBSA Pure Large Cap Growth Conservative	43
PSN RBSA Pure Large Cap Growth Moderate	89
PSN RBSA Pure Large Cap Value	127
PSN RBSA Pure Large Cap Value Aggressive	32
PSN RBSA Pure Large Cap Value Conservative	30
PSN RBSA Pure Large Cap Value Moderate	65
PSN RBSA Pure Small Cap	253
PSN RBSA Pure Small Cap Aggressive	63
PSN RBSA Pure Small Cap Conservative	65
PSN RBSA Pure Small Cap Moderate	125
PSN RBSA Pure Small Cap Growth	118
PSN RBSA Pure Small Cap Growth Aggressive	30
PSN RBSA Pure Small Cap Growth Conservative	33
PSN RBSA Pure Small Cap Growth Moderate	55
PSN RBSA Pure Small Cap Value	33
PSN RBSA Pure Small Cap Value Aggressive	8
PSN RBSA Pure Small Cap Value Conservative	9
PSN RBSA Pure Small Cap Value Moderate	16

PSN Managed Account Universes

MA US Equity

	Active Products
PSN MA US Equity	309
PSN MA US Growth	77
PSN MA US Core	84
PSN MA US Value	95
PSN MA Large Cap Equity	146
PSN MA Small Cap Growth	11
PSN MA Large Cap Growth	38
PSN MA Large Cap Core	40
PSN MA Large Cap Value	47
PSN MA Mid Cap Equity	53
PSN MA Mid Cap Growth	16
PSN MA Mid Cap Core	11
PSN MA Mid Cap Value	16
PSN MA Small Cap Core	9
PSN MA Small Cap Equity	38
PSN MA Small Cap Value	16

MA US Balanced and Fixed Income

	Active Products
PSN MA US Balanced	42
PSN MA US Fixed Income	182
PSN MA Core Fixed Income	31
PSN MA Intermediate Fixed Income	96
PSN MA Municipal Fixed Income	71
PSN MA Long Term Fixed Income	30
PSN MA Short Term Fixed Income	26
PSN MA US TAA	8

MA Non-US/Global Equity, Balanced and Fixed

	Active Products
PSN MA Global Equity	43
PSN MA International Equity	56
PSN MA Global / Intl Fixed Income	12
PSN MA Global/Intl ADR	52
PSN MA Global/Intl Balanced	79
PSN MA Global/Intl TAA	44

PSN Commingled Fund Universes

	Active Products
PSN CF US Equity	166
PSN CF Large Cap Core	26
PSN CF Large Cap Equity	67
PSN CF Mid Cap Equity	20
PSN CF Small Cap Equity	32
PSN CF US Fixed Income	99

	Active Products
PSN CF Intermediate Fixed Income	43
PSN CF International Equity	75
PSN CF Global Equity	24
PSN CF Global/Intl Balanced	89
PSN CF Global/Intl Fixed Income	22
PSN CF US Balanced	57

PSN Mutual Fund Universes

	Active Products
PSN MF US Equity	144
PSN MF US Fixed Income	74
PSN MF US Balanced	9
PSN MF Global Equity	30

	Active Products
PSN MF International Equity	54
PSN MF Global/ Intl Balanced	36
PSN MF Global/ Intl Fixed Income	24

PSN Exchange Traded Funds Universes

	Active Products
PSN ETF US Equity	97
PSN ETF US Balanced	70
PSN ETF US Fixed Income	25
PSN ETF Global Equity	68
PSN ETF Global Balanced	204
PSN ETF Global Fixed Income	25

	Active Products
PSN ETF International Equity	26
PSN ETF International Balanced	15

PSN Unconstrained Universes

	Active Products
PSN US Equity Unconstrained	63
PSN US Fixed Income Unconstrained	25
PSN US Balanced Unconstrained	12
PSN International Equity Unconstrained	74

	Active Products
PSN Global Equity Unconstrained	69
PSN Global/ Intl Balanced Unconstrained	24
PSN Global/ Intl Fixed Income Unconstrained	26