



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	3124
PSN US Core	807
PSN US Growth	850
PSN US Value	937
PSN US GARP	134
PSN Broad Equity Aggressive	631
PSN Broad Equity Moderate	1212
PSN Broad Equity Conservative	629
PSN Commodities & Energy	25
PSN All Cap	508
PSN All Cap Core	132
PSN All Cap Growth	73
PSN All Value	157
PSN Large Cap	1359
PSN Large Cap Core	428
PSN Large Cap Growth	368
PSN Large Cap Value	360

	Active Products
PSN Large Cap Enhanced S&P500	60
PSN Mid Cap	450
PSN Mid Cap Core	75
PSN Mid Cap Growth	165
PSN Mid Cap Value	158
PSN Small-Mid Cap	172
PSN Small-Mid Core	42
PSN Small-Mid Growth	61
PSN Small-Mid Value	58
PSN Small Cap	686
PSN Small Cap Core	160
PSN Small Cap Growth	226
PSN Small Cap Value	238
PSN Micro Cap	60
PSN Market Neutral	35
PSN REIT/Real Estate	44
PSN Active Extension	44



US Fixed Income

	Active Products
PSN US Fixed Income	1423
PSN Core Fixed Income	374
PSN Core Plus Fixed Income	117
PSN Corporate Bond Managers	95
PSN All/Variable Maturity	280
PSN Less than 1Yr Maturity	62
PSN Short Term Fixed Income	204
PSN Intermediate Fixed Income	562
PSN Long Term Fixed Income	159
PSN Fixed Income ex High Yield, Convertible	1209
PSN Government Bond Managers	103
PSN Government Short Term Fixed	43
PSN High Yield Fixed Income	125
PSN High Yield Intermediate	81
PSN Investment Grade Fixed Income	788
PSN Investment Grade Fixed Income Short	136
PSN Investment Grade Fixed Income Interm	352
PSN Investment Grade Fixed Long Term	108
PSN Municipal Fixed Income	153
PSN Short Municipal Fixed Income	15
PSN Intermediate Municipal Fixed Income	85
PSN Long Municipal Fixed Income	28
PSN Mortgage Backed	46

Non-US/Global Balanced and Fixed Income

	Active Products
PSN Global Fixed Income	106
PSN International Fixed Income	92
PSN Intl Emerging Markets Debt	41
PSN Global/Intl Balanced	148

US Balanced

	Active Products
PSN Balanced Aggressive	65
PSN Balanced Moderate	96
PSN Balanced Conservative	40
PSN Convertibles	37
PSN US Balanced	244
PSN Target Date	11

Non-US/Global Equity

	Active Products
PSN Global Equity	357
PSN Global Growth	59
PSN Global Value	88
PSN International Equity	730
PSN International Value	187
PSN International Growth	160
PSN Intl Large Cap	315
PSN Intl Small Cap	76
PSN Pure International Equity	463
PSN Intl Emerging Markets	118
PSN Intl Equity ex Emerging Markets	612
PSN Intl and Global Equity ex Emerging Markets	961
PSN EAFE	313
PSN Japanese Equity	31
PSN European Equity	46
PSN Global/International REIT	27



PSN Return Based Style Analysis Universes – US Equity

	Active Products
PSN RBSA Broad Growth	1410
PSN RBSA Broad Growth Aggressive	364
PSN RBSA Broad Growth Conservative	360
PSN RBSA Broad Growth Moderate	686
PSN RBSA Broad Value	781
PSN RBSA Broad Value Aggressive	202
PSN RBSA Broad Value Conservative	195
PSN RBSA Broad Value Moderate	384
PSN RBSA Broad Large Cap	970
PSN RBSA Broad Large Cap Aggressive	245
PSN RBSA Broad Large Cap Conservative	246
PSN RBSA Broad Large Cap Moderate	479
PSN RBSA Broad Large Cap Growth	466
PSN RBSA Broad Large Cap Growth Aggressive	110
PSN RBSA Broad Large Cap Growth Conservative	124
PSN RBSA Broad Large Cap Growth Moderate	232
PSN RBSA Broad Large Cap Value	344
PSN RBSA Broad Large Cap Value Aggressive	88
PSN RBSA Broad Large Cap Value Conservative	88
PSN RBSA Broad Large Cap Value Moderate	168
PSN RBSA Broad Small Cap	357
PSN RBSA Broad Small Cap Aggressive	89
PSN RBSA Broad Small Cap Conservative	92
PSN RBSA Broad Small Cap Moderate	176
PSN RBSA Broad Small Cap Growth	202
PSN RBSA Broad Small Cap Growth Aggressive	53
PSN RBSA Broad Small Cap Growth Conservative	54
PSN RBSA Broad Small Cap Growth Moderate	95
PSN RBSA Broad Small Cap Value	101
PSN RBSA Broad Small Cap Value Aggressive	22
PSN RBSA Broad Small Cap Value Conservative	27
PSN RBSA Broad Small Cap Value Moderate	52
PSN RBSA Mid Cap	300
PSN RBSA Mid Cap Growth	285

	Active Products
PSN RBSA Mid Cap Value	72
PSN RBSA Pure Growth	847
PSN RBSA Pure Growth Aggressive	216
PSN RBSA Pure Growth Conservative	212
PSN RBSA Pure Growth Moderate	419
PSN RBSA Pure Value	284
PSN RBSA Pure Value Aggressive	70
PSN RBSA Pure Value Conservative	73
PSN RBSA Pure Value Moderate	141
PSN RBSA Pure Large Cap	659
PSN RBSA Pure Large Cap Aggressive	165
PSN RBSA Pure Large Cap Conservative	172
PSN RBSA Pure Large Cap Moderate	322
PSN RBSA Pure Large Cap Growth	190
PSN RBSA Pure Large Cap Growth Aggressive	43
PSN RBSA Pure Large Cap Growth Conservative	53
PSN RBSA Pure Large Cap Growth Moderate	94
PSN RBSA Pure Large Cap Value	75
PSN RBSA Pure Large Cap Value Aggressive	20
PSN RBSA Pure Large Cap Value Conservative	19
PSN RBSA Pure Large Cap Value Moderate	36
PSN RBSA Pure Small Cap	155
PSN RBSA Pure Small Cap Aggressive	38
PSN RBSA Pure Small Cap Conservative	41
PSN RBSA Pure Small Cap Moderate	76
PSN RBSA Pure Small Cap Growth	63
PSN RBSA Pure Small Cap Growth Aggressive	16
PSN RBSA Pure Small Cap Growth Conservative	15
PSN RBSA Pure Small Cap Growth Moderate	32
PSN RBSA Pure Small Cap Value	23
PSN RBSA Pure Small Cap Value Aggressive	4
PSN RBSA Pure Small Cap Value Conservative	7
PSN RBSA Pure Small Cap Value Moderate	12



PSN Managed Account Universes

MA US Equity

	Active Products
PSN MA US Equity	316
PSN MA US Growth	91
PSN MA US Core	92
PSN MA US Value	103
PSN MA Large Cap Equity	155
PSN MA Large Cap Growth	50
PSN MA Large Cap Core	43
PSN MA Large Cap Value	49
PSN MA Mid Cap Equity	54
PSN MA Mid Cap Growth	23
PSN MA Small Cap Equity	47
PSN MA Small Cap Value	22

MA US Balanced and Fixed Income

	Active Products
PSN MA US Balanced	42
PSN MA US Fixed Income	117
PSN MA Core Fixed Income	29
PSN MA Intermediate Fixed Income	74
PSN MA Municipal Fixed Income	34

MA Non-US/Global Equity

	Active Products
PSN MA Global Equity	23
PSN MA International Equity	49
PSN MA Other	4

PSN Commingled Fund Universes

	Active Products
PSN CF US Equity	100
PSN CF Large Cap Core	23
PSN CF Large Cap Equity	44
PSN CF Mid Cap Equity	10
PSN CF Small Cap Equity	19

	Active Products
PSN CF US Fixed Income	57
PSN CF Intermediate Fixed Income	20
PSN CF International Equity	58
PSN CF Global/Intl Balanced	18
PSN CF Other	25

PSN Mutual Fund Universes

	Active Products
PSN MF US Equity	111
PSN MF US Fixed Income	65
PSN MF US Balanced	11

	Active Products
PSN MF International Equity	48
PSN MF Other	23



PSN Exchange Traded Funds Universes

	Active Products
PSN ETF US Equity	31
PSN ETF US Balanced	38
PSN ETF US Fixed Income	6
PSN ETF Global Equity	24
PSN ETF Global Balanced	62

	Active Products
PSN ETF Global Fixed Income	2
PSN ETF International Equity	16
PSN ETF International Balanced	1