

Universe List

Informa Financial Intelligence 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:

- > 65% updated by the 11th business day
- ~ 78% updated by the 15th business day
- ~ 88% updated one week later at month-end
- > 94% updated six weeks after quarter-end

PSN Quantitative-Qualitative Universes

US Equity

Active Products	Gross	Net
PSN Active Extension	28	24
PSN All Cap	495	405
PSN All Cap Core	110	74
PSN All Cap Growth	87	76
PSN All Cap Value	124	108
PSN Commodities & Energy	57	43
PSN Covered Option Writing	42	33
PSN Infrastructure	23	18
PSN Large Cap	1038	824
PSN Large Cap Core	301	224
PSN Large Cap Enhanced S&P500	46	36
PSN Large Cap Growth	216	169
PSN Large Cap Value	295	241
PSN Mega Cap	141	136
PSN Mega Cap Core	47	40
PSN Mega Cap Growth	45	42
PSN Mega Cap Value	37	31
PSN Market Neutral	13	9
PSN Master Limited Partnerships	30	27
PSN Micro Cap	65	57
PSN Micro Cap Core	21	16
PSN Micro Cap Growth	15	14
PSN Micro Cap Value	20	18
PSN Mid Cap	430	367

Active Products	Gross	Net
PSN Mid Cap Core	95	81
PSN Mid Cap Growth	146	126
PSN Mid Cap Value	148	123
PSN Small Cap	633	528
PSN Small Cap Core	168	131
PSN Small Cap Growth	169	146
PSN Small Cap Value	249	212
PSN Small-Mid Cap	209	177
PSN Small-Mid Core	53	47
PSN Small-Mid Growth	68	59
PSN Small-Mid Value	69	53
PSN US Broad Equity Aggressive	636	531
PSN US Broad Equity Conservative	586	480
PSN US Broad Equity Moderate	1188	941
PSN US Core	742	566
PSN US Equity	2891	2378
PSN US Equity Index Enhanced	110	89
PSN US Equity Index Passive	118	75
PSN US Equity Socially Responsible	87	82
PSN US GARP	89	72
PSN US Growth	678	573
PSN US High Income	165	144
PSN US REIT/Real Estate	51	40
PSN US Value	873	734

US Fixed Income

Active Products	Gross	Net
PSN All/Variable Maturity	335	254
PSN Core Fixed Income	392	298
PSN Core Plus Fixed Income	143	113
PSN Corporate Bond Managers	166	127
PSN Fixed Income ex High Yield, Conv	1400	1071
PSN Fixed Inc Socially Responsible	27	22
PSN Government Bond Managers	54	37
PSN Government Short Term Fixed	19	15
PSN High Yield Fixed Income	159	130
PSN High Yield Intermediate	87	66
PSN Intermediate Fixed Income	616	465
PSN Intermediate Municipal Fixed Inco	105	86
PSN Investment Grade Fixed Inc Shor	248	199
PSN Investment Grade Fixed Income	1067	821
PSN Investment Grade Fixed Lg Term	170	124
PSN Investment Grade Fixed Inc Int	422	332
PSN Less than 1Yr Maturity	64	52
PSN Long Municipal Fixed Income	34	25
PSN Long Term Fixed Income	203	148
PSN Mortgage Backed	51	35
PSN Municipal Fixed Income	214	177
PSN Short Municipal Fixed Income	33	31
PSN Short Term Fixed Income	256	202
PSN US Bank Loans	65	46
PSN US Fixed Income	1658	1282
PSN US Stable Value Fixed	17	12
PSN US TIPS	36	22

Non-US/Global Equity

Active Products	Gross	Net
PSN Canadian Equity	13	3
PSN Country Specific	58	28
PSN EAFE	271	216
PSN EAFE All Cap	95	77
PSN EAFE Large Cap	139	109
PSN EAFE Small Cap	31	25
PSN European Equity	43	23
PSN Global Equity	652	523
PSN Global Growth	107	90
PSN Global High Income	29	27
PSN Global Large Cap	270	218
PSN Global Small Cap	23	17
PSN Global Value	126	106
PSN Global/International REIT	41	32
PSN Global/Intl ADR	120	111
PSN Glob/Intl Equity Socially Respon	62	49
PSN International Equity	997	750
PSN International Growth	186	146
PSN International Value	231	181
PSN Intl and Globl Equity x Emg mkts	1292	1005
PSN Intl Emerging Markets	294	219
PSN Intl equity ex Emerging Mkts	694	524
PSN Intl Large Cap	355	271
PSN Intl Small Cap	143	113
PSN Japanese Equity	26	13
PSN Pure International Equity	543	439

US Balanced

Active Products	Gross	Net
PSN Balanced Aggressive	52	44
PSN Balanced Conservative	59	58
PSN Balanced Moderate	53	45
PSN Convertibles	35	27
PSN Target Date	94	43
PSN US Balanced	274	237
PSN US TAA	59	53

Non-US/GI Balanced/Fixed Income

Active Products	Gross	Net
PSN Global Fixed Income	216	164
PSN Global TIPS	13	6
PSN Global/Intl Balanced	431	297
PSN Global/Intl TAA	135	77
PSN International Fixed Income	167	115
PSN Intl Emerging Markets Debt	121	86

PSN Managed Account Universes

MA US Equity

Active Products	Gross	Net
PSN MA Large Cap Core	33	26
PSN MA Large Cap Equity	153	120
PSN MA Large Cap Growth	42	33
PSN MA Large Cap Value	47	36
PSN MA Mid Cap Core	13	12
PSN MA Mid Cap Equity	57	45
PSN MA Mid Cap Growth	17	13
PSN MA Mid Cap Value	15	9
PSN MA Small Cap Core	10	8
PSN MA Small Cap Equity	39	32
PSN MA Small Cap Growth	9	9
PSN MA Small Cap Value	17	13
PSN MA US Core	79	63
PSN MA US Equity	322	255
PSN MA US Growth	79	65
PSN MA US Value	98	74

MA US Balanced and Fixed Income

Active Products	Gross	Net
PSN MA Core Fixed Income	31	23
PSN MA Intermediate Fixed Income	111	86
PSN MA Long Term Fixed Income	49	44
PSN MA Municipal Fixed Income	104	81
PSN MA Short Term Fixed Income	29	22
PSN MA US Balanced	46	34
PSN MA US Fixed Income	229	184
PSN MA US TAA	11	8

MA Non-US/Global Equity, Balanced & Fixed Income

Active Products	Gross	Net
PSN MA Global / Intl Fixed Income	12	9
PSN MA Global Equity	46	37
PSN MA Global/Intl ADR	47	41
PSN MA Global/Intl Balanced	86	76
PSN MA Global/Intl TAA	44	42
PSN MA International Equity	61	51

PSN Commingled Fund Universes

Active Products	Gross	Net
PSN CF US Equity	155	88
PSN CF Global/Intl Fixed Income	16	5
PSN CF Global Equity	26	17
PSN CF Global/Intl Balanced	103	39
PSN CF Intermediate Fixed Income	39	24
PSN CF International Equity	85	44

Active Products	Gross	Net
PSN CF Large Cap Core	27	4
PSN CF Large Cap Equity	65	24
PSN CF Mid Cap Equity	19	18
PSN CF Small Cap Equity	32	17
PSN CF US Balanced	49	45
PSN CF US Fixed Income	87	46

PSN Mutual Fund Universes

Active Products	Gross	Net
PSN MF Global Equity	25	39
PSN MF Global/ Intl Balanced	38	59
PSN MF Global/ Intl Fixed Income	17	25
PSN MF International Equity	44	79

Active Products	Gross	Net
PSN MF US Balanced	9	18
PSN MF US Equity	119	246
PSN MF US Fixed Income	89	137

PSN Exchange Traded Funds Universes

Active Products	Gross	Net
PSN ETF Global Balanced	228	166
PSN ETF Global Equity	59	58
PSN ETF Global Fixed Income	21	18
PSN ETF International Balanced	15	10
PSN ETF International Equity	33	33

Active Products	Gross	Net
PSN ETF US Balanced	75	72
PSN ETF US Equity	78	64
PSN ETF US Fixed Income	44	42

PSN Unconstrained Universes

Active Products	Gross	Net
PSN Global Equity Unconstrained	58	40
PSN Globl/ Intl Bal Unconstrained	22	14
PSN Globl/ Intl Fixed Inc Unconstrained	26	18
PSN Intl Equity Unconstrained	84	75

Active Products	Gross	Net
PSN US Balanced Unconstrained	3	3
PSN US Equity Unconstrained	49	46
PSN US Fixed Income Unconstrained	33	21

PSN Return Based Style Analysis Universes – US Equity

Active Products	Gross	Net
PSN RBSA Broad Growth	1118	842
PSN RBSA Broad Growth Aggressive	302	225
PSN RBSA Broad Growth Conservative	274	219
PSN RBSA Broad Growth Moderate	542	418
PSN RBSA Broad Large Cap	925	669
PSN RBSA Broad Large Cap Aggressive	224	168
PSN RBSA Broad Large Cap Conserva	235	163
PSN RBSA Broad Large Cap Growth	437	290
PSN RBSA Broad Large Cap Grth Aggr	113	77
PSN RBSA Broad Large Cap Grth Mod	212	141
PSN RBSA Broad Large Cap Grth Con	112	72
PSN RBSA Broad Large Cap Moderate	466	338
PSN RBSA Broad Large Cap Value	349	274
PSN RBSA Broad Large Cap Value Aggr	85	69
PSN RBSA Broad Large Cap Value Cons	86	64
PSN RBSA Broad Large Cap Value Mod	178	141
PSN RBSA Broad Small Cap	448	347
PSN RBSA Broad Small Cap Aggressive	116	92
PSN RBSA Broad Small Cap Conservat	112	83
PSN RBSA Broad Small Cap Growth	186	143
PSN RBSA Broad Small Cap Grth Agg	49	39
PSN RBSA Broad Small Cap Grth Con	45	32
PSN RBSA Broad Small Cap Grth Mod	92	72
PSN RBSA Broad Small Cap Moderate	220	185
PSN RBSA Broad Small Cap Value	274	217
PSN RBSA Broad Small Cap Value Aggr	73	58
PSN RBSA Broad Small Cap Value Cons	67	53
PSN RBSA Broad Small Cap Value Mod	134	106
PSN RBSA Broad Value	1061	829
PSN RBSA Broad Value Aggressive	274	220
PSN RBSA Broad Value Conservative	262	207
PSN RBSA Broad Value Moderate	525	426
PSN RBSA Mid Cap	185	158
PSN RBSA Mid Cap Growth	84	72

Active Products	Gross	Net
PSN RBSA Mid Cap Value	64	45
PSN RBSA Pure Growth	627	495
PSN RBSA Pure Growth Aggressive	168	130
PSN RBSA Pure Growth Conservative	143	115
PSN RBSA Pure Growth Moderate	316	250
PSN RBSA Pure Large Cap	579	389
PSN RBSA Pure Large Cap Aggressive	145	99
PSN RBSA Pure Large Cap Conserva	143	93
PSN RBSA Pure Large Cap Growth	163	98
PSN RBSA Pure Large Cap Grth Aggre	44	28
PSN RBSA Pure Large Cap Grth Con	39	24
PSN RBSA Pure Large Cap Groth Mod	80	46
PSN RBSA Pure Large Cap Moderate	291	197
PSN RBSA Pure Large Cap Value	84	65
PSN RBSA Pure Large Cap Value Aggre	23	17
PSN RBSA Pure Large Cap Value Cons	23	20
PSN RBSA Pure Large Cap Value Mod	38	28
PSN RBSA Pure Small Cap	258	190
PSN RBSA Pure Small Cap Aggressive	65	49
PSN RBSA Pure Small Cap Conservati	63	47
PSN RBSA Pure Small Cap Growth	83	63
PSN RBSA Pure Small Cap Grth Aggr	20	17
PSN RBSA Pure Small Cap Grth Cons	19	17
PSN RBSA Pure Small Cap Grth Mod	33	29
PSN RBSA Pure Small Cap Moderate	130	94
PSN RBSA Pure Small Cap Value	104	82
PSN RBSA Pure Small Cap Value Aggr	29	22
PSN RBSA Pure Small Cap Value Con	24	20
PSN RBSA Pure Small Cap Value Mod	51	40
PSN RBSA Pure Value	462	362
PSN RBSA Pure Value Aggressive	123	95
PSN RBSA Pure Value Conservative	115	90
PSN RBSA Pure Value Moderate	224	177

As of September, 2019

PSN Holdings Based Equity Characteristics Universes – US Equity

Active Products	Gross	Net
PSN HBEC Broad Cap Equity	1662	1413
PSN HBEC Broad Cap Equity Core	399	335
PSN HBEC Broad Cap Equity Grth	477	402
PSN HBEC Broad Cap Equity Value	485	418
PSN HBEC Large Cap	963	807
PSN HBEC Large Cap Core	226	191
PSN HBEC Large Cap Growth	271	224
PSN HBEC Large Cap Value	278	233
PSN HBEC Mega Cap	430	342
PSN HBEC Mega Cap Core	107	87
PSN HBEC Mega Cap Growth	128	99
PSN HBEC Mega Cap Value	127	99
PSN HBEC Micro Cap	72	67
PSN HBEC Micro Cap Core	16	13

Active Products	Gross	Net
PSN HBEC Micro Cap Growth	18	17
PSN HBEC Micro Cap Value	19	18
PSN HBEC Mid Cap	230	197
PSN HBEC Mid Cap Core	55	48
PSN HBEC Mid Cap Growth	69	58
PSN HBEC Mid Cap Value	64	55
PSN HBEC Small Cap	349	297
PSN HBEC Small Cap Core	84	73
PSN HBEC Small Cap Growth	102	87
PSN HBEC Small Cap Value	102	87
PSN HBEC Smid Cap	261	225
PSN HBEC Smid Cap Core	62	52
PSN HBEC Smid Cap Growth	81	67
PSN HBEC Smid Cap Value	82	72

PSN Global Macro Universes

Active Products	Gross	Net
PSN Global Macro Global Balanced	72	44
PSN Global Macro Global Equity	16	17
PSN Global Macro Global Fixed Inc	31	26
PSN Global Macro Intl Balanced	3	3
PSN Global Macro Intl Equity	11	6
PSN Global Macro Intl Fixed Income	42	33
PSN Global Macro US Balanced	4	6
PSN Global Macro US Equity	12	10
PSN Global Macro US Fixed Income	60	49