

THIRD QUARTER 2020 PERFORMANCE & RISK- MONITORING REPORT

For CPFIS-Included Unit Trusts & Investment-Linked
Insurance Products



SEPTEMBER 2020

Lipper

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1 INTRODUCTION

Lipper has been appointed by Investment Management Association of Singapore (IMAS) and Life Insurance Association of Singapore (LIAS) to monitor the performance of all unit trusts and investment-linked insurance products included under the Central Provident Fund Investment Scheme (CPFIS). This report shows Lipper's findings for the three months ended September 30, 2020.

Important Disclaimers:

The data shown in this report is information for investors and is not a solicitation to buy, sell, or hold any fund. Past performance is not an indicator of future performance. Past performance is no guarantee of future return. This report should not be used as the sole basis for any investment decision. Before investing in any fund, investors should carefully read the prospectus or other necessary information about the fund. Lipper has used reasonable efforts in preparing this report based on data collected from the contributing asset management companies. However, Lipper doesn't guarantee the accuracy of the data contained herein and will not bear any responsibility for investment decisions of investors or for any loss arising from using the data presented in this report.

2 UPDATE ON CPFIS-INCLUDED FUNDS

As of September 30, 2020, there were 87 unit trusts and 149 investment-linked insurance products (ILPs) included under the CPFIS¹, for a total of 236 funds.

Table 1 Number of CPFIS-Included Funds

	As of End Q3-2020	As of End Q2-2020
Unit Trust	87	87
ILP	149	149
Total	236	236

Source: Central Provident Fund Board

Table 2 Newly Listed Products

	Risk Classification	CPFIS Focus	Detail	Lipper Classification
UT				
Schroder International Selection Fund - Global Sustainable Growth SGD F Acc	HIGHER RISK	BROADLY DIVERSIFIED	N/A	Equity Global

Source: Central Provident Fund Board

Table 3 Delisted Products

	Risk Classification	CPFIS Focus	Detail	Lipper Classification
UT				
United Singapore Growth Fund	HIGHER RISK	NARROWLY FOCUSED	Singapore	Equity Singapore

Source: Central Provident Fund Board

¹ Find more information about unit trusts and investment-linked insurance products (ILPs) included under the CPF Investment Scheme at <https://www.cpf.gov.sg/Members/Schemes/schemes/optimising-my-cpf/cpf-investment-schemes>

3 MARKET DEVELOPMENTS IN Q3 2020²

3.1 Equity Markets

All global equity markets had a diverse performance for Q3 2020. The MSCI World Index rallied by 8.05% (in U.S.-dollar terms) for Q3 2020, while it soared 19.54% for Q2 2020. NASDAQ Composite CR, KOSPI Composite CR, S&P BSE SENSEX and S&P 500 CR index were leading key benchmarks and posted positive return of 11.02%, 10.41%, 9.03% and 8.47%, respectively, while Thailand SET CR, Philippine PSE Composite CR, FTSE 100 CR and Singapore Straits Times CR fell behind and posted negative return of 7.62%, 5.53%, 4.92% and 4.76%, respectively.

Table 4 Major Stock Market Indices (all return figures are in the respective local currencies)

Name	Price	Period ended 30-Sep-2020				
	9/30/2020	3 Months	6 Months	9 Months	1 Year	3 Years
NASDAQ Composite CR	11,167.51	11.02	45.03	24.46	39.61	71.91
KOSPI Composite CR	2,327.89	10.41	32.67	5.93	12.84	-2.78
S&P BSE SENSEX	38,067.93	9.03	29.18	-7.72	-1.55	21.69
S&P 500 CR	3,363.00	8.47	30.12	4.09	12.98	33.49
Shanghai Composite CR	3,218.05	7.82	17.01	5.51	10.77	-3.91
TAIEX CR	12,515.61	7.70	28.92	4.32	15.57	20.53
Dow Jones Industrial Average CR	27,781.70	7.63	26.76	-2.65	3.21	24.00
Nikkei 225 CR	23,185.12	4.02	22.56	-1.99	6.57	13.90
Xetra DAX TR	12,760.73	3.65	28.43	-3.69	2.68	-0.53
Swiss Market Index CR	10,187.00	1.41	9.40	-4.05	1.08	11.24
FTSE Bursa Malaysia KLCI CR	1,504.82	0.26	11.40	-5.28	-4.99	-14.28
BOVESPA (Ibovespa) TR	94,603.38	-0.48	29.56	-18.20	-9.68	27.34
Jakarta SE Composite Index	4,870.04	-0.72	7.29	-22.69	-21.06	-17.47
S&P/ASX 200 CR AUD	5,815.94	-1.39	14.56	-12.99	-13.04	2.36
CAC 40 CR	4,803.44	-2.69	9.27	-19.65	-15.40	-9.88
RTS CR	1,178.51	-2.81	16.17	-23.91	-11.65	3.67
Hang Seng CR HKD	23,459.05	-3.96	-0.61	-16.78	-10.09	-14.86
Singapore Straits Times CR	2,466.62	-4.76	-0.59	-23.46	-20.94	-23.39
FTSE 100 CR	5,866.10	-4.92	3.42	-22.23	-20.82	-20.44
Philippine PSE Composite CR	5,864.23	-5.53	10.20	-24.96	-24.62	-28.23
Thailand SET CR	1,237.04	-7.62	9.88	-21.70	-24.44	-26.07

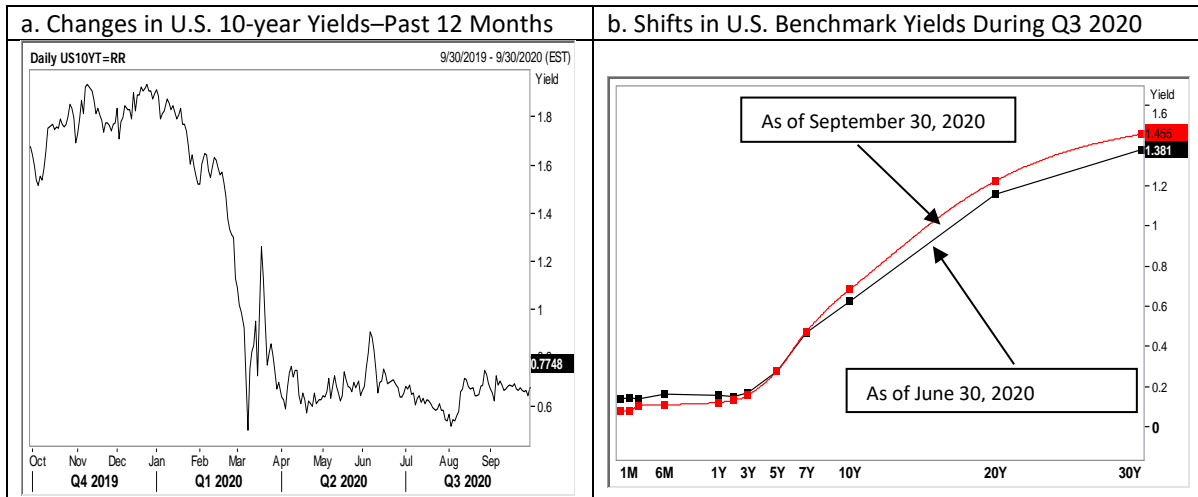
Source: Lipper

² Since the Singapore fund universe is not domestically focused and invests in a host of regions, currencies, and asset classes, discussion of global macroeconomic trends is imperative to understand fund performance. Furthermore, to avoid confusion from counter-directional currency movements (against the Singapore dollar) in the discussion of market trends, all index/average performance figures in this section are expressed in local-currency or U.S.-dollar terms.

3.2 Bond Markets

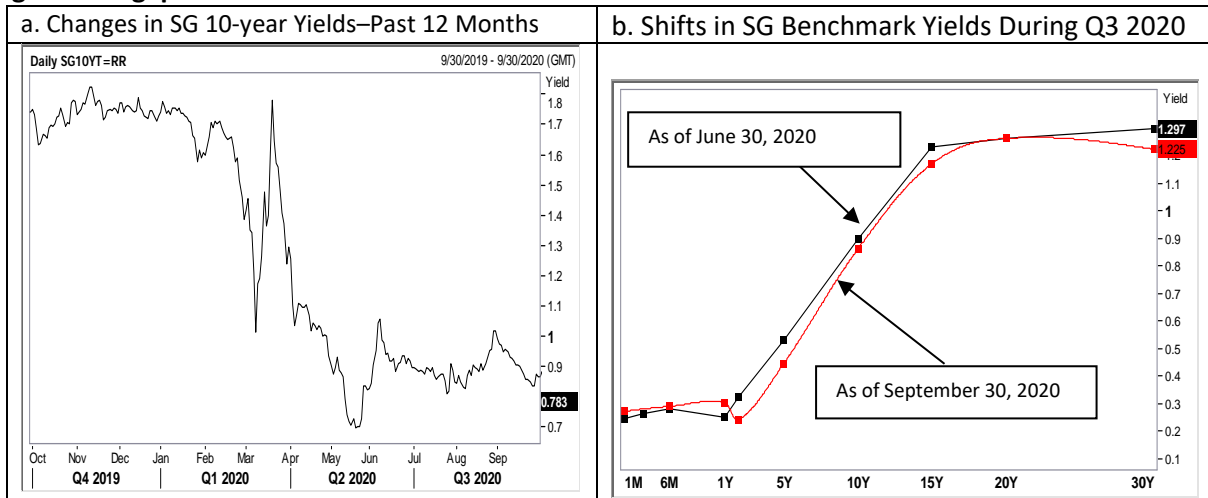
The FTSE WGBI rose 2.94% for the quarter (in USD). The ten-year Treasury yield ended at 0.677% for the third quarter of 2020 versus 0.653% at the end of Q2 2020.

Figure 1 U.S. Government Bond Market Movements



Source: Refinitiv

Figure 2 Singapore Government Bond Market Movements



Source: Refinitiv

3.3 The Outlook

The United States recorded over 100,000 new coronavirus cases in a single day for the first time since the pandemic began. European governments, facing a virus surge, including France, Germany and England have imposed new lockdowns as pandemic fatigue seeps in across Europe as Covid cases soared. Moreover, all the world watched and were concerned about the upcoming intense US presidential election battle in November, whether former Vice President Joe Biden or President Trump would win its president for the next four years. Investors should keep an eye on these uncertainties and market's fluctuation during the period. (*President Trump has yet to concede to Joe Biden but has accepted that the formal transition process should begin when the report release.)

4 PERFORMANCE OF WORLDWIDE INDICES IN SGD

Table 5 Worldwide Indices' Performance in SGD

Name	Period ended 30-Sep-2020				
	3 Months	6 Months	9 Months	1 Year	3 Years
MSCI AC Asia ex Japan TR USD	8.42	24.06	7.25	16.64	17.04
MSCI EM (Emerging Markets) TR USD	7.35	24.30	0.60	9.48	9.19
MSCI World TR USD	5.73	23.83	3.68	9.56	27.80
Refinitiv/iEdge SFI	1.21	4.12	6.85	7.71	15.20
FTSE WGBI TR USD	0.73	0.71	8.77	5.39	14.27
SIBOR SGD 3 Month	0.11	0.29	0.68	1.13	4.50
STOXX Europe 50 CR EUR	-0.73	8.99	-9.49	-5.29	-8.73
Singapore Straits Times CR	-4.76	-0.59	-23.46	-20.94	-23.39

Source: Lipper

The above indices represent the benchmarks for various major financial markets, as follows:

Indices

FTSE WGBI TR
 MSCI AC Asia ex Japan TR
 MSCI EM (Emerging Markets) TR
 MSCI World TR
 SIBOR SGD 3 Months
 Singapore Straits Times CR
 Stoxx Europe 50 CR
 Refinitiv/iEdge SFI

Financial Markets

Global bond markets
 Asian ex-Japan equities
 Emerging markets equities
 Global equities
 Singapore money markets
 Singapore equities
 European equities
 Singapore bond markets

The minimum annual interest rate paid by the CPF Board for the various accounts is as follows:

- Ordinary: 2.5%
- Special: 4.0%
- Medisave: 4.0%
- Retirement: 4.0%

For more information about CPF interest rates please visit:

<https://www.cpf.gov.sg/Members/AboutUs/about-us-info/cpf-interest-rates>

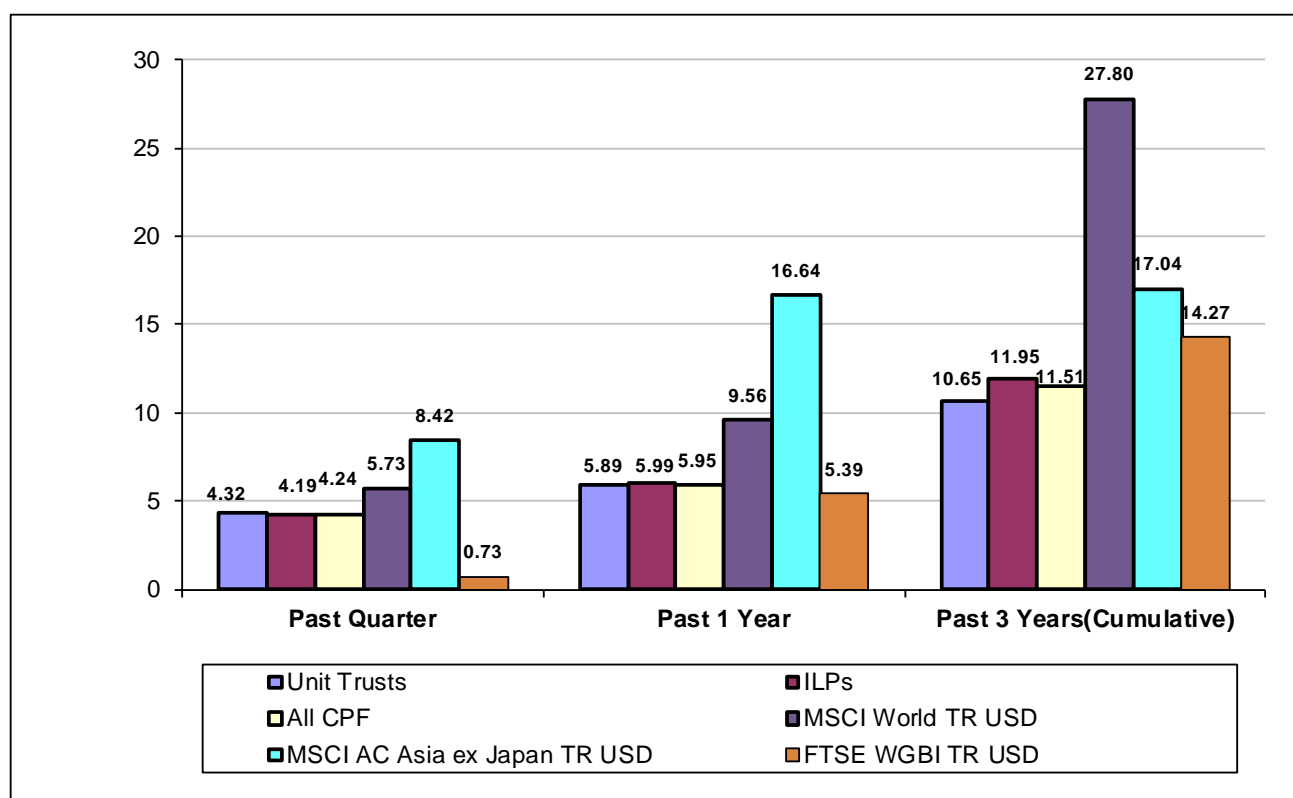
5 SUMMARY OF PERFORMANCE OF CPFIS-INCLUDED FUNDS

	Period ended 30-September-2020(% in SGD)			
	3 Months	1 Year	3 Years (Cumulative)	3 Years (Annualized)
Average of CPFIS-included unit trusts & ILPs	4.24	5.95	11.51	3.70
CPFIS-included unit trusts	4.32	5.89	10.65	3.43
CPFIS-included ILPs	4.19	5.99	11.95	3.83

Source: Lipper

The average returns³ of CPFIS-included unit trusts and ILPs are shown below:

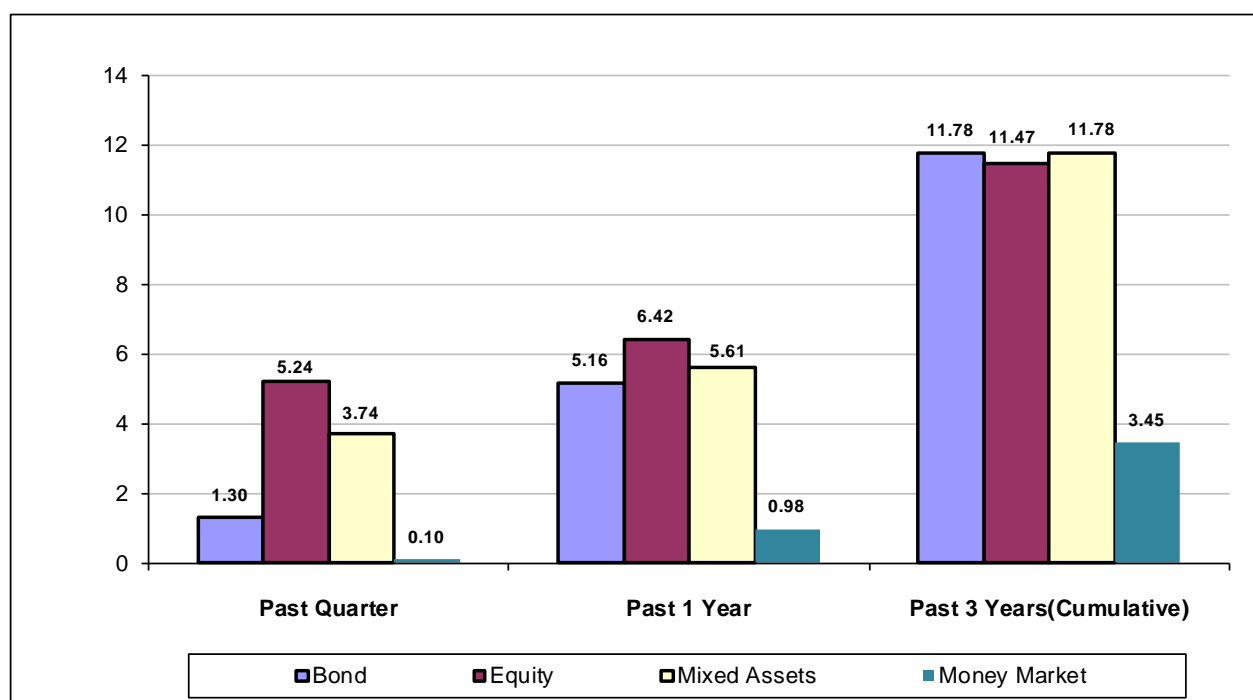
Figure 3 Average Performance of CPFIS-Included Funds at End Q3 2020 (% in SGD)



Source: Lipper

³ Average performance is calculated by a summation of all returns of funds in the group, divided by the number of funds.

Figure 4 Average Performance of CPFIS-Included Funds at End Q3 2020 by Asset Class (% in SGD)



Source: Lipper

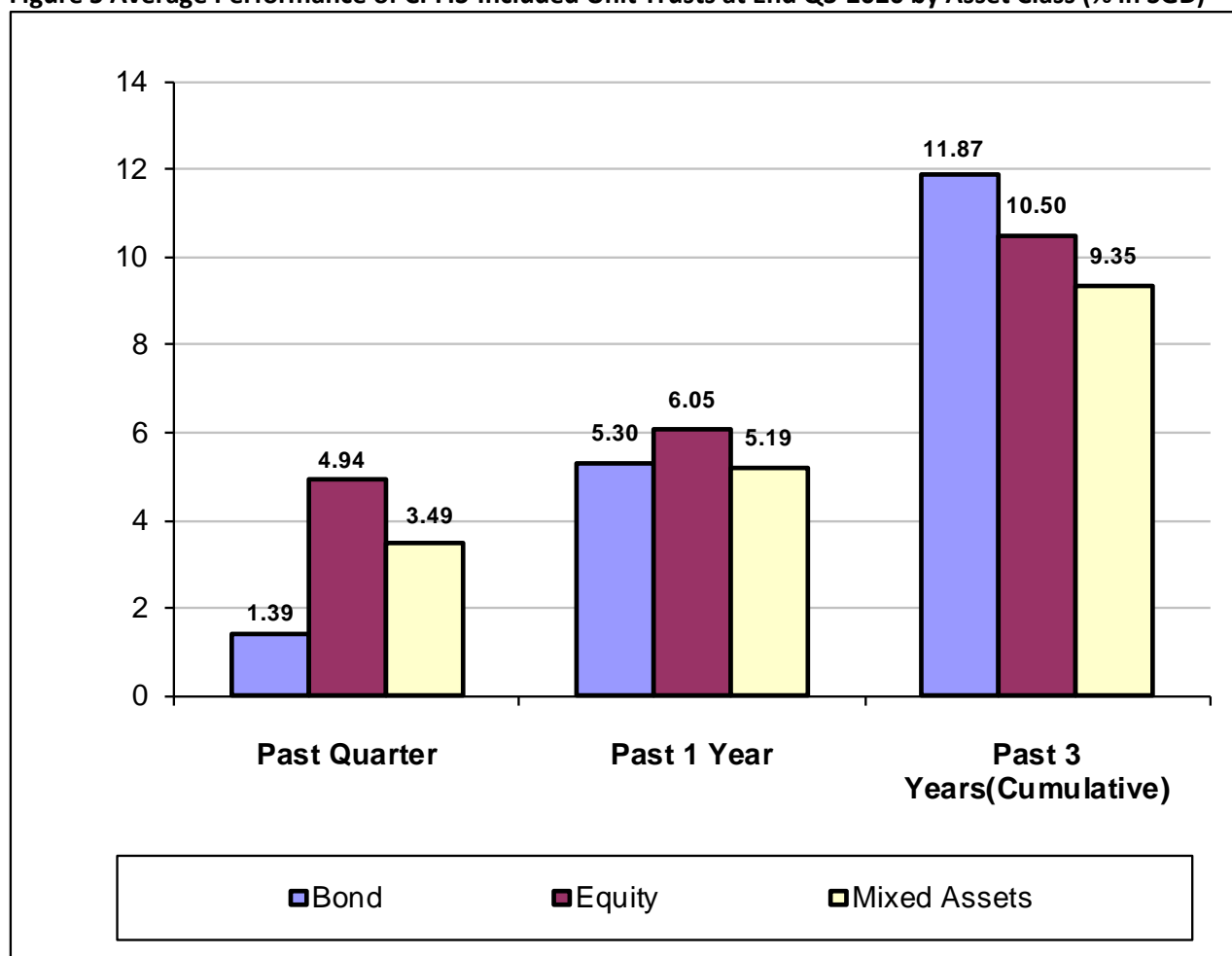
For the third quarter of 2020, the overall performance of CPFIS-included funds (unit trusts and ILPs combined) continued posting positive returns of 4.24% on average, given a positive return of 4.32% on average among CPFIS-included unit trusts and a positive return of 4.19% among CPFIS-included ILPs. For all the CPFIS-included funds, all asset type of funds posted positive return, Equity funds posted 5.24% on average while Money Market funds only posted positive return of 0.10% for the quarter. MSCI World TR USD and MSCI AC Asia ex Japan Index rallied 5.73% and 8.42%, respectively while FTSE WGBI Index rose 0.73% for Q3 2020.

For the one-year period, the overall performance of CPFIS-included funds posted positive return of 5.95% on average. CPFIS-included unit trusts rallied 5.89% on the year, and CPFIS-included ILPs soared 5.99% on average. During the same period, the key benchmark MSCI World TR USD and MSCI AC Asia ex Japan Index rallied 9.56% and 16.64% respectively, while FTSE WGBI TR soared 5.39% for the period. For the one-year period, equity (+6.42% on average) fund outperformed bond (+5.16% on average), mixed-asset (+5.61% on average) and money market (+0.98% on average) fund offering.

For the three-year period, CPFIS-included funds achieved 11.51% growth on average, accounted for a positive return of 10.65% on average from CPFIS-included unit trusts and positive return of 11.95% on average from CPFIS-included ILPs. During the same period, MSCI World TR USD and MSCI AC Asia ex Japan Index rallied 27.80% and 17.04% respectively, meanwhile, the FTSE WGBI TR also achieved 14.27%. Bond and mixed-asset type were the leading gainers (both +11.78%), meanwhile, equity and money market type posted positive return of 11.47% and 3.45% on average for the period.

The average returns of CPFIS-included unit trusts by asset class⁴ are shown below:

Figure 5 Average Performance of CPFIS-Included Unit Trusts at End Q3-2020 by Asset Class (% in SGD)



Source: Lipper

For the third quarter of 2020, all asset type of unit trust portfolios posted positive returns. Equity type of unit trust portfolios posted positive returns of 4.94% on average, while bond and mixed-asset funds posted positive return of 1.39% and 3.49%, respectively.

Equity type of unit trust portfolios posted positive returns of 6.05% on average, while bond and mixed-asset type posted 5.30% and 5.19% for one-year period.

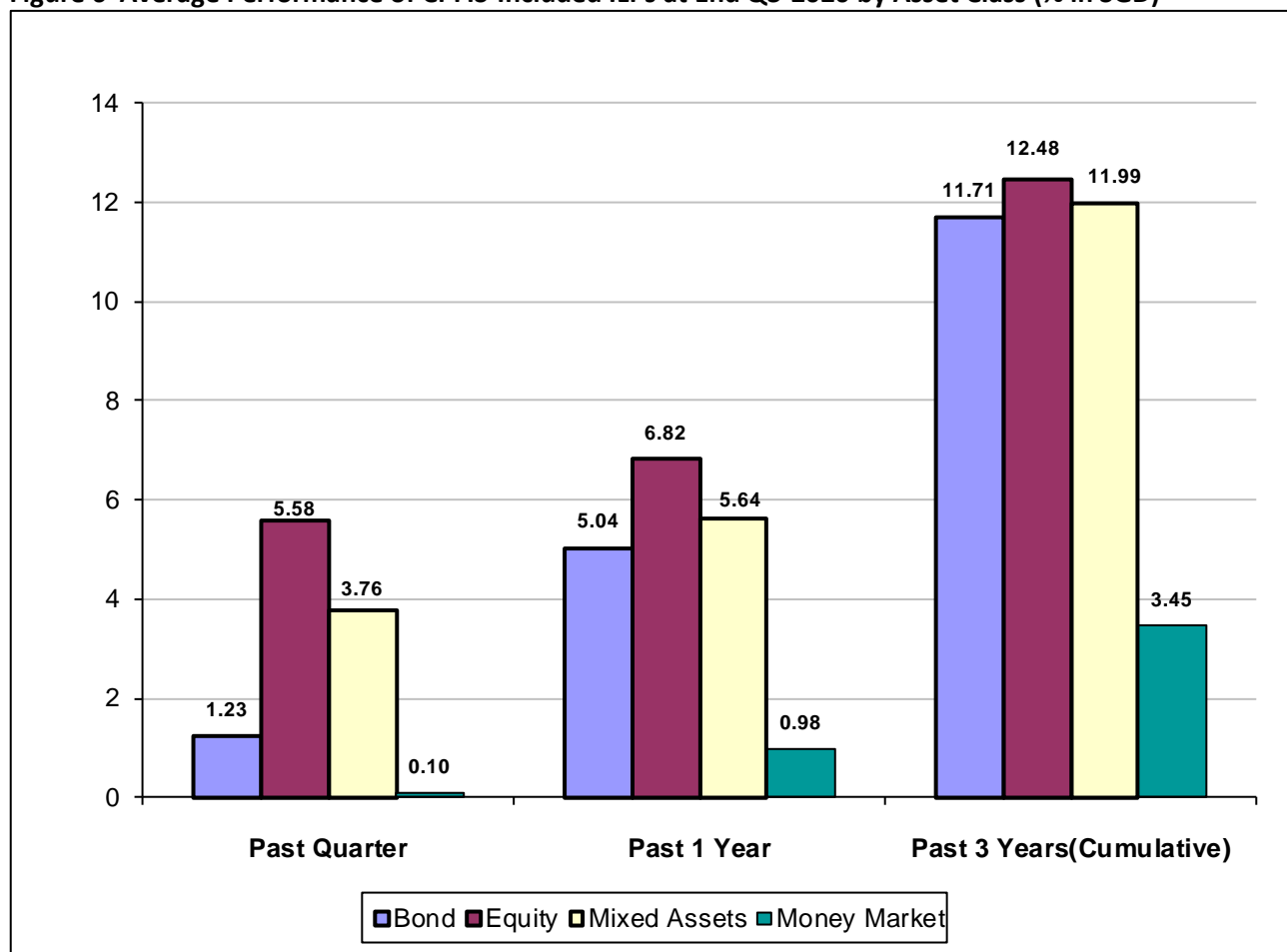
⁴ Definitions of asset types are as follows:

- Equity: Funds with the primary investment objective of investing in stock markets
- Bond: Funds with the primary investment objective of investing in fixed income markets with an average maturity > 1 year
- Mixed-asset: Funds with the primary investment objective of investing in a strategic mix of equities and fixed income securities
- Money market: Funds with the primary investment objective of investing in fixed income markets with an average residual life to maturity < 12 months

Bond fund (+11.87%) outperformed the other asset class offerings over the three-year period (through September 2020) while equity and mixed-asset posted positive return of 10.50% and 9.35% on average, respectively, for the period.

The average returns of CPFIS-included investment-linked insurance products by asset class are shown below:

Figure 6 Average Performance of CPFIS-Included ILPs at End Q3-2020 by Asset Class (% in SGD)



Source: Lipper

For the third quarter of 2020, equity type of ILPs posted positive return of 5.58% on average while mixed-asset, bond and money market funds posted positive return of 3.76%, 1.23% and 0.10%, respectively.

For the one-year period, equity funds (+6.82% on average) outperformed the bond (+5.04%), mixed-asset(+5.64% on average) and money market (+0.98% on average), respectively. For the three-year period, equity funds were the leading gainers (+12.48%), while bond, mixed-asset and money market portfolios of ILPs delivered 11.71%, 11.99% and 3.45% on average respectively.

The average returns of CPFIS-included unit trusts by Lipper Global Classification⁵ are shown below:

Table 6 Average Performance of CPFIS-Included Unit Trusts by Lipper Global Classification (% Growth in SGD)

Name	% Growth	% Growth	% Growth	% Growth	% Growth
	3M 30/06/2020	6M 31/03/2020	9M 31/12/2019	1Y 30/09/2019	3Y 30/09/2017
	To 30/09/2020	To 30/09/2020	To 30/09/2020	To 30/09/2020	To 30/09/2020
Bond SGD (9)	1.43	4.72	5.34	6.11	12.67
Equity ASEAN (2)	-3.85	8.33	-18.34	-16.83	-19.51
Equity Asia Pacific (2)	6.70	32.14	15.82	26.91	24.27
Equity Asia Pacific ex Japan (12)	7.70	23.84	3.78	10.87	13.38
Equity Asia Pacific Sm&Mid Cap (1)	4.13	23.99	-2.39	0.83	2.32
Equity China (2)	5.86	18.73	8.01	18.01	15.39
Equity Emerging Mkts Asia (1)	9.80	26.56	4.49	10.98	13.72
Equity Emerging Mkts Global (5)	9.36	28.82	0.50	9.45	10.17
Equity Europe (5)	4.59	20.40	-2.84	5.72	9.25
Equity Global (9)	5.78	19.62	-0.75	5.05	12.24
Equity Global Income (4)	1.53	13.20	-3.03	1.97	12.35
Equity Greater China (5)	11.54	30.05	18.42	29.03	36.72
Equity India (3)	8.92	25.58	-1.66	-1.52	0.88
Equity Indonesia (1)	-6.04	13.22	-22.65	-21.71	-24.50
Equity Japan (2)	4.22	13.22	-12.86	-5.77	-10.50
Equity Malaysia (1)	6.93	20.85	-2.25	-0.24	-1.23
Equity Sector Biotechnology (1)	1.07	27.56	17.14	44.60	22.19
Equity Sector Real Est Global (1)	-0.40	5.31	-15.03	-15.53	-1.96
Equity Singapore (4)	-2.48	7.72	-19.49	-16.01	-14.67
Equity Thailand (2)	-12.20	10.68	-26.33	-29.57	-20.75
Mixed Asset SGD Balanced (4)	3.87	13.35	3.17	6.88	12.47
Mixed Asset USD Bal - Global (1)	1.98	11.42	-5.74	-1.55	-3.13
Equity US (8)	4.90	23.23	1.23	5.99	20.55
Equity Sector Healthcare (2)	3.97	20.74	12.72	27.09	38.86
Bond Asia Pacific LC (1)	1.54	7.53	3.54	4.32	10.56
Equity Japan Income (2)	4.64	11.38	-5.80	2.09	6.29
Equity Japan Sm&Mid Cap (2)	6.15	19.82	2.99	9.06	14.23
Bond Global LC (2)	1.30	3.48	4.95	4.70	11.54
Bond Global Short Term (1)	1.17	2.46	1.58	2.26	6.88
Bond Global USD (1)	0.78	1.97	7.92	4.86	0.00
Bond Asia Pacific HC (1)	1.93	6.02	2.68	3.70	11.67
Grand Total (97)	4.32	17.78	0.48	5.89	10.65

Source: Lipper

Remark: The average calculation includes the different share classes of the funds.

⁵ For more information please go to Section 7.2—Investment Terminology Definitions.

The average returns of CPFIS-included ILPs by Lipper Global Classification are shown below:

Table 7 Average Performance of CPFIS-Included ILPs by Lipper Global Classification (% Growth in SGD)

Name	% Growth	% Growth	% Growth	% Growth	% Growth
	3M 30/06/2020	6M 31/03/2020	9M 31/12/2019	1Y 30/09/2019	3Y 30/09/2017
	To 30/09/2020	To 30/09/2020	To 30/09/2020	To 30/09/2020	To 30/09/2020
Bond SGD (8)	1.31	4.56	5.06	5.92	12.11
Equity ASEAN (2)	-7.20	7.78	-23.59	-22.83	-23.44
Equity Asia Pacific ex Japan (14)	7.93	22.87	2.95	10.05	10.90
Equity Asia Pacific Sm&Mid Cap (1)	3.63	23.10	8.34	12.76	2.58
Equity China (2)	9.99	32.85	23.86	36.05	27.64
Equity Emerging Mkts Asia (1)	9.80	26.56	4.41	10.91	13.65
Equity Emerging Mkts Global (6)	10.08	29.63	2.73	11.52	13.98
Equity Europe (3)	4.07	17.15	-9.62	-2.11	-4.91
Equity Global (11)	7.01	24.18	4.95	11.09	21.53
Equity Global Income (2)	1.43	12.63	-2.95	2.04	12.31
Equity Greater China (4)	11.06	30.22	19.84	32.52	38.38
Equity India (5)	6.13	18.65	-6.59	-7.57	-0.50
Equity Japan (2)	5.06	14.56	-4.68	0.75	0.60
Equity Sector Information Tech (3)	8.78	43.84	34.31	44.52	90.77
Equity Sector Real Est Global (2)	0.53	8.54	-14.55	-15.20	-0.68
Equity Singapore (8)	-3.14	5.58	-19.36	-16.41	-16.04
Mixed Asset SGD Aggressive (11)	3.96	15.61	0.19	4.48	12.04
Mixed Asset SGD Balanced (32)	3.80	13.42	1.71	5.35	10.88
Mixed Asset SGD Conservative (9)	2.84	9.46	5.58	7.34	14.95
Money Market SGD (4)	0.10	0.33	0.63	0.98	3.45
Target Maturity Other (5)	4.70	14.87	3.13	7.03	13.69
Equity US (1)	1.14	11.60	-9.81	-9.81	-3.02
Equity Sector Healthcare (1)	4.14	18.76	12.70	23.26	44.62
Bond Asia Pacific LC (1)	1.51	7.49	3.48	4.24	10.50
Equity Japan Sm&Mid Cap (2)	7.58	19.95	3.53	9.17	13.81
Bond Global LC (9)	1.17	3.41	6.02	4.84	12.59
Bond Global Short Term (1)	0.80	1.44	0.36	0.62	1.80
Grand Total (150)	4.19	15.44	1.87	5.99	11.95

Source: Lipper

6 SUMMARY OF RISK-ADJUSTED PERFORMANCE

The Lipper Leader rating methodology consists of four metrics that rate funds' success in meeting certain goals:

- **Total Return: Ability of a fund to provide superior total return compared to its peers**
- **Consistent Return: Ability of a fund to provide relatively superior consistency and risk-adjusted return compared to its peers**
- **Preservation: Ability of a fund to demonstrate superior preservation of capital in a variety of markets compared with other funds in its asset class**
- **Expense: Ability of a fund to successfully manage to keep its expenses low relative to its peers and within its load structure**

Funds are ranked against their Lipper peer group classifications for a three-year period. In other words, if a fund doesn't have at least three years of historical performance and it is not in a group with more than five funds, it is not rated by Lipper. The rating is based on an equal-weighted average of percentile ranks of the four Lipper Leader metrics.

For each metric:

The top 20% of funds receive a rating of "5" and are named **Lipper Leaders**.

The next 20% of funds receive a rating of "4."

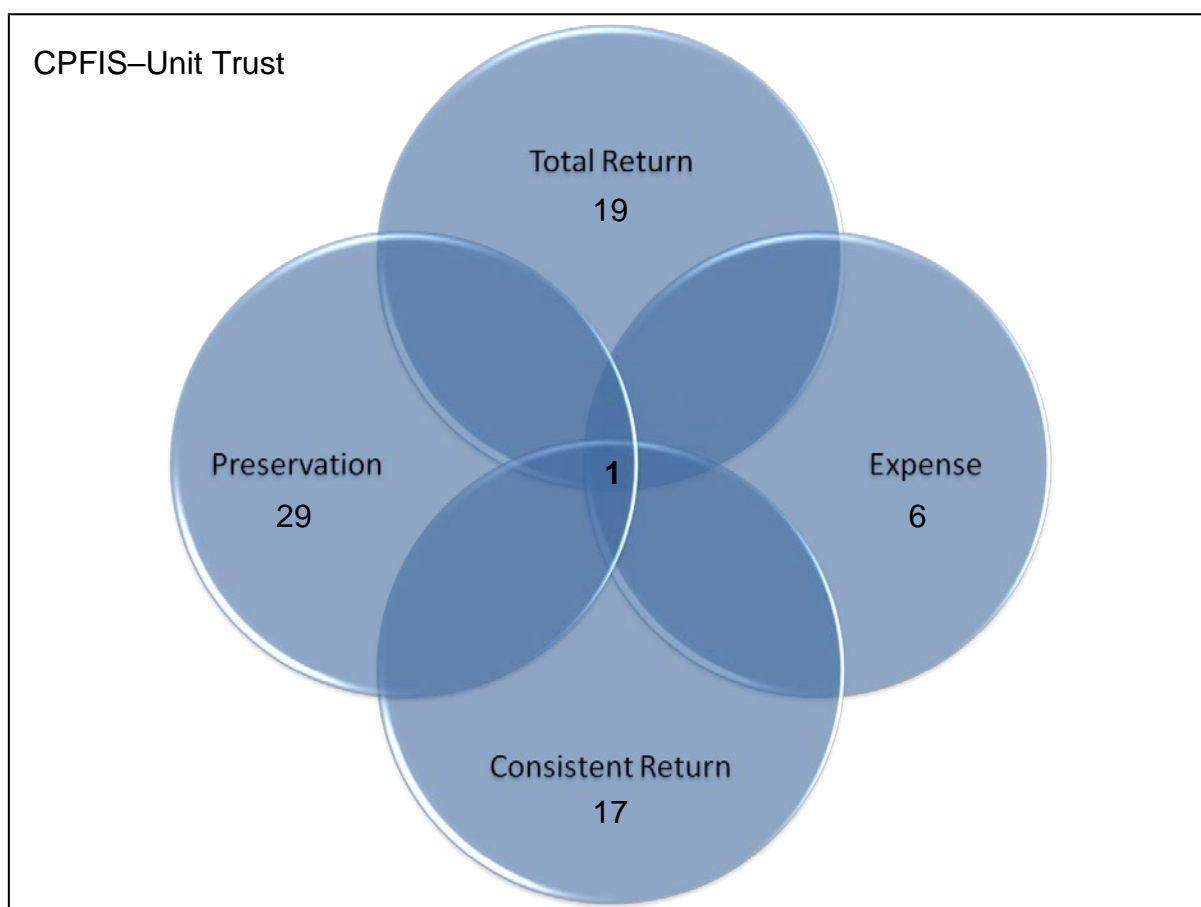
The middle 20% of funds receive a rating of "3."

The next 20% of funds receive a rating of "2."

The lowest 20% of funds receive a rating of "1."

6.1 Lipper Leader Rating for CPFIS-Included Unit Trusts

Figure 6 Venn Diagram of CPFIS-Included Unit Trusts With a Lipper Leader Rating (Rating of “5”)



Source: Lipper

As at end September 2020, the number of CPFIS-included unit trusts in the top 20% of funds, receiving a rating of “5” and named Lipper Leaders in each metric, was as follows:

- Total Return: 19 funds
- Consistent Return: 17 funds
- Preservation: 29 funds
- Expense: 6 funds

First Sentier Bridge Fund - Class A (Semi-Annually Distributing) was the only CPFIS-included unit trust with rating of “5” (Lipper Leader) across all four metrics.

Table 8 Full List of CPFIS-Included Unit Trusts with a Lipper Leader Rating

S/N	Name	Lipper Global Classification	3 Years Lipper Rating			
			Expense	Preservation	Consistent Return	Total Return
1	AB SICAV I-International Health Care Portfolio (Class A) - SGD	Equity Sector Healthcare	2	Leader	Leader	Leader
2	Aberdeen Standard Asian Smaller Companies Fund	Equity Asia Pacific Sm&Mid Cap	3	4	4	4
3	Aberdeen Standard China Opportunities Fund	Equity Greater China	3	4	4	4
4	Aberdeen Standard European Opportunities Fund	Equity Europe	2	Leader	Leader	Leader
5	Aberdeen Standard Global Opportunities Fund	Equity Global	2	4	2	2
6	Aberdeen Standard Indonesia Equity Fund	Equity Indonesia	Leader	1	4	Leader
7	Aberdeen Standard Malaysian Equity Fund	Equity Malaysia	3	Leader	4	4
8	Aberdeen Standard Singapore Equity Fund	Equity Singapore	2	2	2	2
9	Aberdeen Standard Thailand Equity Fund	Equity Thailand	Leader	1	2	2
10	Allianz Europe Equity Growth - Class AT (H2-SGD)	Equity Europe	2	3	Leader	Leader
11	Allianz Global Investors Premier Funds – Allianz Global High Payout Fund - SGD	Equity Global Income	3	Leader	4	3
12	Allianz Global Investors Premier Funds – Allianz Global High Payout Fund (USD Share Class)	Equity Global Income	3	Leader	4	3
13	Allianz Oriental Income - Class AT (SGD)	Equity Asia Pacific	3	4	Leader	Leader
14	Eastspring Investments Unit Trusts - Dragon Peacock Fund Class A	Equity Emerging Mkts Asia	4	3	2	1
15	Eastspring Investments Unit Trusts – Pan European Fund	Equity Europe	2	3	3	3
16	Eastspring Investments Unit Trusts – Singapore ASEAN Equity Fund	Equity Singapore	2	2	1	1
17	Eastspring Investments Unit Trusts – Singapore Select Bond Fund Class A	Bond SGD	4	Leader	4	4
18	Eastspring Investments Unit Trusts – Singapore Select Bond Fund Class AD	Bond SGD	4	Leader	4	4
19	Eastspring Investments-Asian Equity Income Fund Class as Hedged	Equity Asia Pacific ex Japan	3	1	1	1
20	Fidelity Funds – America Fund SR-ACC-SGD	Equity US	2	3	1	1
21	Fidelity Funds – America Fund SR-ACC-USD	Equity US	2	3	1	1
22	Fidelity Funds – Asia Focus Fund SR-ACC-SGD	Equity Asia Pacific ex Japan	3	4	Leader	Leader
23	Fidelity Funds - Asian Special Situations Fund SR-ACC-SGD	Equity Asia Pacific ex Japan	3	3	4	4
24	Fidelity Funds – European Growth Fund SR-ACC-Euro	Equity Europe	3	3	2	2
25	Fidelity Funds – European Growth Fund SR-ACC-SGD	Equity Europe	3	3	2	2
26	Fidelity Funds - Greater China Fund SR-ACC-SGD	Equity Greater China	4	3	4	3
27	Fidelity Funds-America Fund SR-ACC-SGD (Hedged)	Equity US	2	2	1	1
28	Fidelity Funds-China Focus Fund SR-ACC-SGD	Equity China	3	2	1	1
29	Fidelity Funds-Emerging Markets Fund SR-ACC-SGD	Equity Emerging Mkts Global	3	3	Leader	Leader
30	Fidelity Funds-Global Dividend Fund SR-ACC-SGD	Equity Global Income	3	Leader	Leader	Leader
31	Fidelity Funds-Global Dividend Fund SR-MINCOME(G)-SGD	Equity Global Income	3	Leader	Leader	Leader
32	First Sentier Bridge Fund - Class A (Semi-Annually Distributing)	Mixed Asset SGD Balanced	Leader	Leader	Leader	Leader
33	Franklin Templeton Investment Funds - Templeton Emerging Markets Fund A(acc)SGD	Equity Emerging Mkts Global	N/A	3	N/A	N/A
34	Franklin Templeton Investment Funds – Franklin Biotechnology Discovery Fund A(acc)SGD	Equity Sector Biotechnology	3	1	3	2
35	Franklin Templeton Investment Funds – Franklin India Fund AS (acc)SGD	Equity India	3	1	2	2
36	Franklin Templeton Investment Funds – Franklin U.S. Opportunities Fund AS (acc)SGD	Equity US	2	Leader	Leader	Leader
37	Franklin Templeton Investment Funds – Templeton Asian Growth Fund A(acc)SGD	Equity Asia Pacific ex Japan	1	3	3	3

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S/N	Name	Lipper Global Classification	3 Years Lipper Rating			
			Expense	Preservation	Consistent Return	Total Return
38	Franklin Templeton Investment Funds – Templeton China Fund A(acc)SGD	Equity Greater China	N/A	4	N/A	N/A
39	Franklin Templeton Investment Funds – Templeton Global Balanced Fund AS (acc)SGD	Mixed Asset USD Bal - Global	4	1	2	1
40	Franklin Templeton Shariah Funds – Templeton Shariah Global Equity Fund AS (acc)SGD	Equity Global	2	4	1	1
41	FSSA Asian Growth Fund	Equity Asia Pacific ex Japan	3	Leader	3	4
42	FSSA Dividend Advantage Fund - Class A (Quarterly Distributing)	Equity Asia Pacific ex Japan	3	Leader	4	Leader
43	FSSA Regional China Fund	Equity Greater China	4	3	3	4
44	Infinity Investment Series – Infinity Global Stock Index Fund (SGD Class)	Equity Global	Leader	4	3	3
45	Infinity Investment Series – Infinity U.S. 500 Stock Index Fund (SGD Class)	Equity US	Leader	4	3	3
46	Legg Mason Martin Currie Southeast Asia Trust (Class A (SGD) Accumulating)	Equity ASEAN	3	1	2	2
47	Legg Mason Western Asset Global Bond Trust (Class A (SGD) Accumulating)	Bond Global LC	3	Leader	Leader	Leader
48	Legg Mason Western Asset Singapore Bond Fund (Class A (SGD) Accumulating)	Bond SGD	2	Leader	2	2
49	LionGlobal Japan Growth Fund (SGD)	Equity Japan Sm&Mid Cap	4	Leader	4	4
50	LionGlobal Japan Growth Fund SGD-Hedged Class	Equity Japan Sm&Mid Cap	4	3	3	3
51	LionGlobal Short Duration Bond Fund Class A (SGD) (Dist)	Bond Global LC	4	Leader	3	3
52	LionGlobal Singapore / Malaysia Fund (SGD)	Equity ASEAN	4	3	3	3
53	LionGlobal TEAM - Singapore Fixed Income Investment (Class A)	Bond SGD	4	Leader	3	3
54	LionGlobal Thailand Fund (SGD)	Equity Thailand	3	1	4	4
55	Manulife Global Fund - Global Equity Fund	Equity Global	2	4	2	2
56	Manulife Singapore Bond Fund (Class A)	Bond SGD	2	Leader	4	3
57	Natixis International Funds (LUX) I - Harris Associates Global Equity Fund P/A (SGD)	Equity Global	2	1	1	1
58	Natixis International Funds (LUX) I - Harris Associates U.S. Equity Fund H-P/A (SGD)	Equity US	2	1	2	2
59	Nikko AM Asia Investment Funds - Nikko AM Shenton Global Property Securities Fund S\$ Class	Equity Sector Real Est Global	2	4	3	3
60	Nikko AM Japan Dividend Equity Fund-SGD Class Units	Equity Japan Income	N/A	Leader	N/A	N/A
61	Nikko AM Japan Dividend Equity Fund-SGD Hedged Class Units	Equity Japan Income	N/A	3	N/A	N/A
62	Nikko AM Shenton Global Opportunities Fund SGD Class	Equity Global	3	Leader	Leader	Leader
63	Nikko AM Shenton Japan Fund (S\$) Class	Equity Japan	3	4	3	3
64	Nikko AM Shenton Short Term Bond Funds - Nikko AM Shenton Short Term Bond Fund (S\$) Class	Bond Global Short Term	4	Leader	4	3
65	Nikko AM Shenton Thrift Fund	Equity Singapore	Leader	2	3	3
66	PineBridge Asia Ex Japan Small Cap Equity Fund - Class A5CP	Equity Asia Pacific ex Japan	3	Leader	4	4
67	PineBridge Asia Ex Japan Small Cap Equity Fund - Class Y	Equity Asia Pacific ex Japan	4	Leader	4	4
68	Pinebridge India Equity Fund - Class A5CP	Equity India	3	2	Leader	Leader
69	PineBridge International Funds - Acorns of Asia Balanced Fund	Mixed Asset SGD Balanced	4	2	3	3
70	PineBridge International Funds - Singapore Bond Fund	Bond SGD	2	Leader	3	3

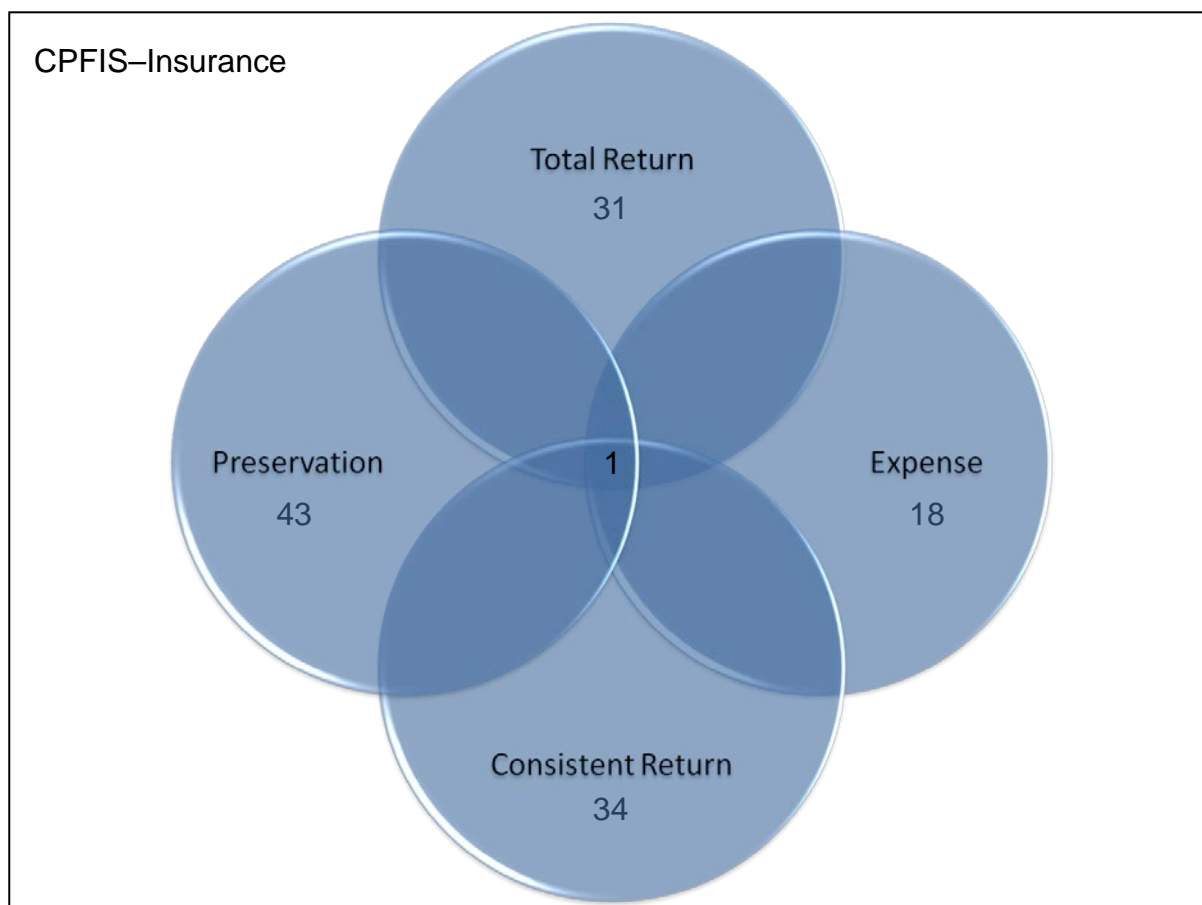
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S/N	Name	Lipper Global Classification	3 Years Lipper Rating			
			Expense	Preservation	Consistent Return	Total Return
71	Pinebridge US Large Cap Research Enhanced Fund - Class A5CP	Equity US	2	4	3	3
72	Pinebridge US Large Cap Research Enhanced Fund - Class Y	Equity US	3	4	3	3
73	Schroder Asian Equity Yield Fund	Equity Asia Pacific ex Japan	3	4	2	2
74	Schroder Asian Growth Fund	Equity Asia Pacific ex Japan	4	3	Leader	Leader
75	Schroder Asian Investment Grade Credit	Bond Asia Pacific HC	4	Leader	4	4
76	Schroder China Opportunities Fund	Equity China	3	3	4	4
77	Schroder Global Emerging Market Opportunities Fund	Equity Emerging Mkts Global	3	3	4	4
78	Schroder International Selection Fund Greater China Class F	Equity Greater China	4	4	Leader	Leader
79	Schroder Multi-Asset Revolution Class A	Mixed Asset SGD Balanced	3	3	Leader	Leader
80	Schroder Singapore Fixed Income Fund Class A	Bond SGD	3	Leader	3	3
81	Schroder Singapore Trust Class A	Equity Singapore	4	2	3	3
82	United Global Healthcare Fund	Equity Sector Healthcare	2	4	3	3
83	United SGD Fund - Class A (ACC) SGD	Bond SGD	3	Leader	1	1
84	United Singapore Bond Fund	Bond SGD	3	Leader	Leader	Leader
85	United Asia Top-50 Fund	Equity Asia Pacific	1	4	2	2

Source: Lipper

6.2 Lipper Leader Rating for CPFIS-Included ILPs

Figure 7 Venn Diagram of CPFIS-Included ILPs With a Lipper Leader Rating (Rating of “5”)



Source: Lipper

As at end September 2020, the number of CPFIS-included ILPs in the top 20% of funds, receiving a rating of “5” and named Lipper Leaders, in each metric was as follows:

- Total Return: 31 funds
- Consistent Return: 34 funds
- Preservation: 43 funds
- Expense: 18 funds

NTUC Global Managed Fund (Balanced) was the only CPFIS-included ILP with a rating of “5” (Lipper Leader) across all four metrics.

Table 9 Full List of CPFIS-Included ILPs with a Lipper Leader Rating

S/N	Name	Lipper Global Classification	3 Years Lipper Rating			
			Expense	Preservation	Consistent Return	Total Return
1	AIA Acorns of Asia Fund	Mixed Asset SGD Balanced	3	2	4	4
2	AIA Emerging Markets Balanced Fund	Mixed Asset SGD Balanced	3	3	4	4
3	AIA Emerging Markets Equity Fund	Equity Emerging Mkts Global	3	3	4	4
4	AIA Global Balanced Fund	Mixed Asset SGD Balanced	3	3	3	3
5	AIA Global Bond Fund	Bond Global LC	2	Leader	Leader	Leader
6	AIA Global Technology Fund	Equity Sector Information Tech	3	4	Leader	Leader
7	AIA Greater China Balanced Fund	Mixed Asset SGD Balanced	3	3	Leader	Leader
8	AIA Greater China Equity Fund	Equity Greater China	3	3	3	3
9	AIA Growth Fund	Mixed Asset SGD Aggressive	Leader	1	1	1
10	AIA India Balanced Fund	Mixed Asset SGD Balanced	3	2	2	3
11	AIA India Opportunities Fund	Equity India	3	2	3	4
12	AIA International Health Care Fund	Equity Sector Healthcare	2	Leader	Leader	Leader
13	AIA Japan Balanced Fund	Mixed Asset SGD Balanced	3	3	2	2
14	AIA Japan Equity Fund	Equity Japan	2	4	2	2
15	AIA Portfolio 100	Equity Global Income	2	Leader	4	3
16	AIA Portfolio 30	Mixed Asset SGD Conservative	4	Leader	Leader	Leader
17	AIA Portfolio 50	Mixed Asset SGD Balanced	3	4	Leader	4
18	AIA Portfolio 70	Mixed Asset SGD Aggressive	3	2	3	3
19	AIA Regional Equity Fund	Equity Asia Pacific ex Japan	3	3	4	4
20	AIA Regional Fixed Income Fund	Bond SGD	2	Leader	4	4
21	Aviva Balanced Growth (SP)	Mixed Asset SGD Balanced	1	2	4	4
22	Aviva Capital Growth (SP)	Equity Asia Pacific ex Japan	1	2	4	4
23	Aviva Income Growth (SP)	Mixed Asset SGD Conservative	1	Leader	3	3
24	Aviva Legg Mason Western Asset Global Bond Trust (SP)	Bond Global LC	1	Leader	3	3
25	Aviva LionGlobal Japan Growth (SP)	Equity Japan Sm&Mid Cap	1	Leader	4	4
26	Aviva MM Balanced Growth	Mixed Asset SGD Balanced	Leader	2	Leader	Leader
27	Aviva MM Capital Growth	Equity Asia Pacific ex Japan	3	2	Leader	4
28	Aviva MM Income Growth	Mixed Asset SGD Conservative	3	Leader	4	4
29	Aviva Nikko AM Shenton Short Term Bond (SP)	Bond Global Short Term	1	Leader	2	2
30	Aviva Schroder Multi Asset Revolution	Mixed Asset SGD Balanced	Leader	3	Leader	Leader
31	Aviva Standard Aberdeen Pacific Equity (SP)	Equity Asia Pacific ex Japan	1	3	3	3
32	Aviva Templeton Global Balanced (SP) - CPF	Mixed Asset SGD Balanced	1	1	1	1
33	AXA Asian Balanced Fund	Mixed Asset SGD Balanced	3	2	4	Leader
34	AXA Asian Growth Fund	Equity Asia Pacific ex Japan	3	4	2	2
35	AXA China Growth Fund	Equity Greater China	3	3	3	3
36	AXA Fortress Fund B	Equity Singapore	2	2	1	1
37	AXA Global Balanced Fund	Mixed Asset SGD Balanced	3	4	4	4
38	AXA Global Defensive Fund	Bond Global LC	2	Leader	Leader	4
39	AXA Global Emerging Markets Equity Fund	Equity Emerging Mkts Global	2	3	4	4
40	AXA Global Equity Blend	Equity Global	2	Leader	Leader	4
41	AXA Global Growth Fund	Mixed Asset SGD Aggressive	3	2	3	3
42	AXA Global High Growth Fund	Equity Global	2	4	4	4
43	AXA Global Secure Fund	Mixed Asset SGD Conservative	4	Leader	Leader	Leader
44	AXA India Fund	Equity India	3	2	3	4

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S/N	Name	Lipper Global Classification	3 Years Lipper Rating			
			Expense	Preservation	Consistent Return	Total Return
45	AXA Pacific Equity Fund	Equity Asia Pacific ex Japan	3	4	4	4
46	AXA Shariah Global Equity Fund	Equity Global	2	4	1	1
47	AXA Short Duration Bond Fund	Bond SGD	2	Leader	1	1
48	AXA Singapore Balanced Fund	Mixed Asset SGD Balanced	3	2	1	1
49	AXA Singapore Bond Fund	Bond SGD	2	Leader	4	4
50	AXA Singapore Equity Fund	Equity Singapore	2	2	2	2
51	AXA South East Asia Special Situations Fund	Equity ASEAN	3	1	2	2
52	AXA Value Growth Fund	Equity Asia Pacific ex Japan	3	4	2	2
53	GreatLink Asia Pacific Equity Fund	Equity Asia Pacific ex Japan	3	4	4	4
54	GreatLink China Growth Fund	Equity Greater China	4	4	Leader	Leader
55	GreatLink European Equity Fund	Equity Europe	3	2	2	2
56	GreatLink Global Bond Fund	Bond Global LC	3	Leader	4	4
57	GreatLink Global Emerging Markets Equity Fund	Equity Emerging Mkts Global	2	3	Leader	Leader
58	GreatLink Global Equity Alpha Fund	Equity Global	3	4	4	3
59	GreatLink Global Perspective Fund	Equity Global	3	Leader	4	4
60	GreatLink Global Real Estate Securities Fund	Equity Sector Real Est Global	3	4	4	4
61	GreatLink Global Supreme Fund	Mixed Asset SGD Balanced	Leader	Leader	4	4
62	GreatLink Global Technology Fund	Equity Sector Information Tech	3	3	3	3
63	GreatLink Lifestyle Balanced Portfolio	Mixed Asset SGD Balanced	Leader	4	Leader	Leader
64	GreatLink LifeStyle Dynamic Portfolio	Equity Global	3	4	3	3
65	GreatLink LifeStyle Progressive Portfolio	Mixed Asset SGD Aggressive	4	2	4	4
66	GreatLink Lifestyle Secure Portfolio	Mixed Asset SGD Conservative	4	Leader	3	3
67	GreatLink Lifestyle Steady Portfolio	Mixed Asset SGD Balanced	Leader	Leader	Leader	4
68	GreatLink Lion Asian Balanced Fund	Mixed Asset SGD Balanced	Leader	Leader	4	4
69	GreatLink Lion Japan Growth Fund	Equity Japan Sm&Mid Cap	3	3	3	3
70	GreatLink Short Duration Bond Fund	Bond Global LC	4	Leader	3	3
71	GreatLink Singapore Equities Fund	Equity Singapore	2	2	2	2
72	HSBC Insurance Global Bond Fund	Bond Global LC	2	Leader	Leader	Leader
73	HSBC Insurance Pacific Equity Fund	Equity Asia Pacific ex Japan	3	3	4	4
74	Manulife Asian Small-Cap Equity Fund	Equity Asia Pacific Sm&Mid Cap	3	3	3	4
75	Manulife European Equity Fund	Equity Europe	2	3	2	2
76	Manulife Global Emerging Markets Fund	Equity Emerging Mkts Global	2	2	3	3
77	Manulife Golden Asia Growth Fund	Equity Asia Pacific ex Japan	3	4	4	4
78	Manulife Golden Balanced Growth Fund	Mixed Asset SGD Balanced	4	2	1	1
79	Manulife Golden Global Balanced Fund	Mixed Asset SGD Balanced	3	3	4	3
80	Manulife Golden International Bond Fund	Bond Global LC	3	Leader	Leader	Leader
81	Manulife Golden Regional China Fund	Equity China	3	2	3	2
82	Manulife Golden S.E.A Special Situations Fund	Equity ASEAN	4	2	3	2
83	Manulife Golden Singapore Growth Fund	Equity Singapore	2	2	3	3
84	Manulife Golden Worldwide Equity Fund	Equity Global	2	4	2	2
85	Manulife Income Series - Asia Pacific Investment Grade Bond Fund	Bond Asia Pacific LC	4	Leader	4	3
86	Manulife Income Series – Asian Balanced Fund	Mixed Asset SGD Balanced	3	3	2	2
87	Manulife Income Series - Global Balanced Fund	Mixed Asset SGD Balanced	3	1	1	1
88	Manulife Japan Growth Fund	Equity Japan	3	4	2	2

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S/N	Name	Lipper Global Classification	3 Years Lipper Rating			
			Expense	Preservation	Consistent Return	Total Return
89	Manulife Lifestyle Portfolios - Conservative	Mixed Asset SGD Conservative	Leader	Leader	3	3
90	Manulife Lifestyle Portfolios - Growth	Mixed Asset SGD Aggressive	3	2	2	2
91	Manulife Lifestyle Portfolios - Moderate	Mixed Asset SGD Balanced	Leader	3	3	3
92	Manulife Lifestyle Portfolios - Secure	Mixed Asset SGD Balanced	Leader	Leader	3	3
93	Manulife Pacific Equity Fund	Equity Asia Pacific ex Japan	3	4	2	2
94	Manulife Singapore Bond Fund	Bond SGD	2	Leader	3	4
95	NTUC AIM 2025	Target Maturity Other	2	Leader	Leader	Leader
96	NTUC AIM 2035	Target Maturity Other	2	2	Leader	Leader
97	NTUC AIM 2045	Target Maturity Other	2	2	Leader	Leader
98	NTUC AIM NOW	Mixed Asset SGD Conservative	Leader	Leader	3	3
99	NTUC Asia Managed Fund	Mixed Asset SGD Aggressive	Leader	2	Leader	Leader
100	NTUC Global Bond Fund	Bond Global LC	3	Leader	4	4
101	NTUC Global Equity Fund	Equity Global	3	Leader	4	4
102	NTUC Global Managed Fund (Balanced)	Mixed Asset SGD Balanced	Leader	Leader	Leader	Leader
103	NTUC Global Managed Fund (Conservative)	Mixed Asset SGD Conservative	4	Leader	Leader	Leader
104	NTUC Global Managed Fund (Growth)	Mixed Asset SGD Aggressive	Leader	3	4	4
105	NTUC Global Technology Fund	Equity Sector Information Tech	4	3	3	3
106	NTUC Prime Fund	Mixed Asset SGD Balanced	Leader	3	2	2
107	NTUC Singapore Bond Fund	Bond SGD	4	Leader	Leader	Leader
108	NTUC Singapore Equity Fund	Equity Singapore	Leader	2	1	1
109	NTUC Singapore Managed Fund	Mixed Asset SGD Balanced	Leader	2	1	1
110	NTUC Takaful Fund	Equity Global	3	Leader	Leader	Leader
111	PruLink Adapt 2025	Target Maturity Other	1	Leader	Leader	Leader
112	PruLink Adapt 2035	Target Maturity Other	1	3	4	Leader
113	PruLink America Fund	Equity US	2	3	1	1
114	PruLink Asian American Managed Fund	Mixed Asset SGD Balanced	4	4	3	3
115	PruLink Asian Equity Fund	Equity Asia Pacific ex Japan	3	3	2	1
116	PruLink Asian Income and Growth Fund	Mixed Asset SGD Balanced	4	3	4	4
117	PruLink China-India Fund	Equity Emerging Mkts Asia	4	3	1	1
118	PruLink Emerging Markets Fund	Equity Emerging Mkts Global	2	3	Leader	Leader
119	PruLink Global Bond Fund	Bond Global LC	3	Leader	Leader	Leader
120	PruLink Global Equity Fund	Equity Global Income	3	Leader	Leader	Leader
121	PruLink Global Managed Fund	Mixed Asset SGD Balanced	3	3	Leader	Leader
122	PruLink Global Property Securities Fund	Equity Sector Real Est Global	2	4	3	3
123	PruLink Greater China Fund	Equity Greater China	4	4	4	Leader
124	PRUlink India Equity Fund	Equity India	3	2	3	4
125	PruLink Pan European Fund	Equity Europe	2	3	3	3
126	PruLink Singapore ASEAN Managed Fund	Mixed Asset SGD Aggressive	4	1	1	1
127	PruLink Singapore Asian Managed Fund	Mixed Asset SGD Aggressive	Leader	1	1	1
128	PruLink Singapore Dynamic Bond Fund	Bond SGD	4	Leader	Leader	Leader
129	PruLink Singapore Growth Fund	Equity Singapore	3	2	2	2
130	TMLS Asian Equity Fund	Equity Asia Pacific ex Japan	3	4	4	4
131	TMLS China Equity Fund	Equity China	3	3	4	4

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S/N	Name	Lipper Global Classification	3 Years Lipper Rating			
			Expense	Preservation	Consistent Return	Total Return
132	TMLS Global Balanced Fund	Mixed Asset SGD Balanced	3	2	2	2
133	TMLS Global Bond Fund	Bond SGD	3	Leader	Leader	4
134	TMLS Global Emerging Markets Equity Fund	Equity Emerging Mkts Global	2	3	Leader	Leader
135	TMLS India Equity Fund	Equity India	3	2	2	4
136	TMLS Multi-Asset 30 Fund	Mixed Asset SGD Conservative	2	Leader	4	4
137	TMLS Multi-Asset 50 Fund	Mixed Asset SGD Balanced	3	4	4	4
138	TMLS Multi-Asset 70 Fund	Mixed Asset SGD Aggressive	4	2	4	4
139	TMLS Multi-Asset 90 Fund	Mixed Asset SGD Aggressive	2	1	4	4
140	TMLS Singapore Bond Fund	Bond SGD	2	Leader	2	2
141	TMLS Singapore Equity Fund	Equity Singapore	2	2	2	2

Source: Lipper

7 Appendices

7.1 Complete List of Funds ⁶

7.1.1 Full List of CPFIS-Included Unit Trusts

S/N	Name	Lipper Global	CPFIS Risk	CPF Focus	TER Date	Expense Ratio
1	United Asia Top-50 Fund	Equity Asia Pacific	Higher Risk	Narrowly Focused	6/30/2020	2.74
2	Franklin Templeton Investment Funds – Templeton China Fund A(acc)SGD	Equity Greater China	Higher Risk	Narrowly Focused	12/31/2019	2.45
3	Franklin Templeton Investment Funds – Templeton Asian Growth Fund A(acc)SGD	Equity Asia Pacific ex Japan	Higher Risk	Narrowly Focused	12/31/2019	2.25
4	United Global Healthcare Fund	Equity Sector Healthcare	Higher Risk	Narrowly Focused	6/30/2020	2.16
5	AB SICAV I-International Health Care Portfolio (Class A) - SGD	Equity Sector Healthcare	Higher Risk	Narrowly Focused	5/31/2020	2.01
6	Franklin Templeton Investment Funds - Templeton Emerging Markets Fund A(acc)SGD	Equity Emerging Mkts Global	Higher Risk	Narrowly Focused	12/31/2019	2.00
7	Nikko AM Asia Investment Funds - Nikko AM Shenton Global Property Securities Fund S\$ Class	Equity Sector Real Est Global	Higher Risk	Narrowly Focused	6/30/2020	1.99
8	Manulife Global Fund - Global Equity Fund	Equity Global	Higher Risk	Broadly Diversified	12/31/2019	1.94
9	LionGlobal Thailand Fund (SGD)	Equity Thailand	Higher Risk	Narrowly Focused	6/30/2020	1.92
10	Allianz Oriental Income - Class AT (SGD)	Equity Asia Pacific	Higher Risk	Narrowly Focused	3/31/2020	1.86
11	Allianz Europe Equity Growth - Class AT (H2-SGD)	Equity Europe	Higher Risk	Narrowly Focused	3/31/2020	1.84
12	Franklin Templeton Investment Funds – Franklin Biotechnology Discovery Fund A(acc)SGD	Equity Sector Biotechnology	Higher Risk	Narrowly Focused	12/31/2019	1.82
13	FSSA Asian Growth Fund	Equity Asia Pacific ex Japan	Higher Risk	Narrowly Focused	6/30/2020	1.77
14	Aberdeen Standard Asian Smaller Companies Fund	Equity Asia Pacific Sm&Mid Cap	Higher Risk	Narrowly Focused	3/31/2020	1.75
15	Aberdeen Standard China Opportunities Fund	Equity Greater China	Higher Risk	Narrowly Focused	3/31/2020	1.75
16	Aberdeen Standard European Opportunities Fund	Equity Europe	Higher Risk	Narrowly Focused	3/31/2020	1.75
17	Aberdeen Standard Global Emerging Markets Fund	Equity Emerging Mkts Global	Higher Risk	Narrowly Focused	3/31/2020	1.75
18	Aberdeen Standard Global Opportunities Fund	Equity Global	Higher Risk	Broadly Diversified	3/31/2020	1.75
19	Aberdeen Standard India Opportunities Fund	Equity India	Higher Risk	Narrowly Focused	3/31/2020	1.75
20	Aberdeen Standard Indonesia Equity Fund	Equity Indonesia	Higher Risk	Narrowly Focused	3/31/2020	1.75
21	Aberdeen Standard Malaysian Equity Fund	Equity Malaysia	Higher Risk	Narrowly Focused	3/31/2020	1.75
22	Franklin Templeton Investment Funds – Franklin India Fund AS (acc)SGD	Equity India	Higher Risk	Narrowly Focused	12/31/2019	1.75

⁶ These expense ratios may not be up to end of June 2020 but already represent the most up-to-date information (which may include unaudited expense ratio) submitted by the FMCs/Insurers. Some funds which are newly launched or have newly launched share classes (less than 3 years) have no available data and recorded as N/A.

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S/N	Name	Lipper Global	CPFIS Risk	CPF Focus	TER Date	Expense Ratio
23	Franklin Templeton Shariah Funds – Templeton Shariah Global Equity Fund AS (acc)SGD	Equity Global	HIGHER RISK	BROADLY DIVERSIFIED	4/30/2020	1.75
24	Legg Mason Martin Currie Southeast Asia Trust (Class A (SGD) Accumulating)	Equity ASEAN	HIGHER RISK	NARROWLY FOCUSED	3/31/2020	1.75
25	Natixis International Funds (LUX) I - Harris Associates Global Equity Fund P/A (SGD)	Equity Global	HIGHER RISK	BROADLY DIVERSIFIED	6/30/2020	1.75
26	Natixis International Funds (LUX) I - Harris Associates U.S. Equity Fund H-P/A (SGD)	Equity US	HIGHER RISK	NARROWLY FOCUSED	6/30/2020	1.75
27	Aberdeen Standard Thailand Equity Fund	Equity Thailand	HIGHER RISK	NARROWLY FOCUSED	3/31/2020	1.74
28	Eastspring Investments Unit Trusts – Pan European Fund	Equity Europe	HIGHER RISK	NARROWLY FOCUSED	6/30/2020	1.73
29	Fidelity Funds - Greater China Fund SR-ACC-SGD	Equity Greater China	HIGHER RISK	NARROWLY FOCUSED	4/30/2020	1.73
30	Nikko AM Japan Dividend Equity Fund-SGD Class Units	Equity Japan Income	HIGHER RISK	NARROWLY FOCUSED	6/30/2020	1.73
31	Nikko AM Japan Dividend Equity Fund-SGD Hedged Class Units	Equity Japan Income	HIGHER RISK	NARROWLY FOCUSED	6/30/2020	1.73
32	Pinebridge India Equity Fund - Class A5CP	Equity India	HIGHER RISK	NARROWLY FOCUSED	12/31/2019	1.73
33	Fidelity Funds – Asia Focus Fund SR-ACC-SGD	Equity Asia Pacific ex Japan	HIGHER RISK	NARROWLY FOCUSED	4/30/2020	1.72
34	Fidelity Funds - Asian Special Situations Fund SR-ACC-SGD	Equity Asia Pacific ex Japan	HIGHER RISK	NARROWLY FOCUSED	4/30/2020	1.72
35	Fidelity Funds-Emerging Markets Fund SR-ACC-SGD	Equity Emerging Mkts Global	HIGHER RISK	NARROWLY FOCUSED	4/30/2020	1.72
36	FSSA Regional China Fund	Equity Greater China	HIGHER RISK	NARROWLY FOCUSED	6/30/2020	1.72
37	Schroder Asian Equity Yield Fund	Equity Asia Pacific ex Japan	HIGHER RISK	NARROWLY FOCUSED	6/30/2020	1.72
38	Fidelity Funds-China Focus Fund SR-ACC-SGD	Equity China	HIGHER RISK	NARROWLY FOCUSED	4/30/2020	1.71
39	Franklin Templeton Investment Funds – Franklin U.S. Opportunities Fund AS (acc)SGD	Equity US	HIGHER RISK	NARROWLY FOCUSED	12/31/2019	1.71
40	FSSA Dividend Advantage Fund - Class A (Quarterly Distributing)	Equity Asia Pacific ex Japan	HIGHER RISK	NARROWLY FOCUSED	6/30/2020	1.71
41	PineBridge Asia Ex Japan Small Cap Equity Fund - Class A5CP	Equity Asia Pacific ex Japan	HIGHER RISK	NARROWLY FOCUSED	12/31/2019	1.71
42	Pinebridge US Large Cap Research Enhanced Fund - Class A5CP	Equity US	HIGHER RISK	NARROWLY FOCUSED	12/31/2019	1.70
43	Schroder International Selection Fund Greater China Class F	Equity Greater China	HIGHER RISK	NARROWLY FOCUSED	6/30/2020	1.70
44	Allianz Best Styles Emerging Markets Equity Class ET (H2-SGD)	Equity Emerging Mkts Global	HIGHER RISK	NARROWLY FOCUSED	3/31/2020	1.69

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S/N	Name	Lipper Global	CPFIS Risk	CPF Focus	TER Date	Expense Ratio
45	Fidelity Funds – America Fund SR-ACC-SGD	Equity US	HIGHER RISK	NARROWLY FOCUSED	4/30/2020	1.69
46	Fidelity Funds – America Fund SR-ACC-USD	Equity US	HIGHER RISK	NARROWLY FOCUSED	4/30/2020	1.69
47	Fidelity Funds – European Growth Fund SR-ACC-Euro	Equity Europe	HIGHER RISK	NARROWLY FOCUSED	4/30/2020	1.69
48	Fidelity Funds – European Growth Fund SR-ACC-SGD	Equity Europe	HIGHER RISK	NARROWLY FOCUSED	4/30/2020	1.69
49	Fidelity Funds-America Fund SR-ACC-SGD (Hedged)	Equity US	HIGHER RISK	NARROWLY FOCUSED	4/30/2020	1.69
50	Fidelity Funds-Global Dividend Fund SR-ACC-SGD	Equity Global Income	HIGHER RISK	BROADLY DIVERSIFIED	4/30/2020	1.69
51	Fidelity Funds-Global Dividend Fund SR-MINCOME(G)-SGD	Equity Global Income	HIGHER RISK	BROADLY DIVERSIFIED	4/30/2020	1.69
52	Schroder China Opportunities Fund	Equity China	HIGHER RISK	NARROWLY FOCUSED	6/30/2020	1.68
53	Allianz Global Investors Premier Funds – Allianz Global High Payout Fund - SGD	Equity Global Income	HIGHER RISK	BROADLY DIVERSIFIED	6/30/2020	1.66
54	Allianz Global Investors Premier Funds – Allianz Global High Payout Fund (USD Share Class)	Equity Global Income	HIGHER RISK	BROADLY DIVERSIFIED	6/30/2020	1.66
55	Eastspring Investments Unit Trusts - Dragon Peacock Fund Class A	Equity Emerging Mkts Asia	HIGHER RISK	NARROWLY FOCUSED	6/30/2020	1.65
56	Eastspring Investments Unit Trusts – Singapore ASEAN Equity Fund	Equity Singapore	HIGHER RISK	NARROWLY FOCUSED	6/30/2020	1.65
57	Aberdeen Standard Singapore Equity Fund	Equity Singapore	HIGHER RISK	NARROWLY FOCUSED	3/31/2020	1.64
58	Aberdeen Standard Pacific Equity Fund	Equity Asia Pacific ex Japan	HIGHER RISK	NARROWLY FOCUSED	3/31/2020	1.63
59	Schroder Global Emerging Market Opportunities Fund	Equity Emerging Mkts Global	HIGHER RISK	NARROWLY FOCUSED	6/30/2020	1.62
60	Schroder International Selection Fund Asia Pacific ex-Japan Equity	Equity Asia Pacific ex Japan	HIGHER RISK	NARROWLY FOCUSED	6/30/2020	1.62
61	Eastspring Investments-Asian Equity Income Fund Class as Hedged	Equity Asia Pacific ex Japan	HIGHER RISK	NARROWLY FOCUSED	6/30/2020	1.61
62	Eastspring Investments - Japan Dynamic Fund Class As (hedged)	Equity Japan	HIGHER RISK	NARROWLY FOCUSED	6/30/2020	1.59
63	LionGlobal Japan Growth Fund (SGD)	Equity Japan Sm&Mid Cap	HIGHER RISK	NARROWLY FOCUSED	6/30/2020	1.57
64	LionGlobal Japan Growth Fund SGD-Hedged Class	Equity Japan Sm&Mid Cap	HIGHER RISK	NARROWLY FOCUSED	6/30/2020	1.57
65	Nikko AM Shenton Global Opportunities Fund SGD Class	Equity Global	HIGHER RISK	BROADLY DIVERSIFIED	6/30/2020	1.55
66	LionGlobal Singapore / Malaysia Fund (SGD)	Equity ASEAN	HIGHER RISK	NARROWLY FOCUSED	6/30/2020	1.54

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S/N	Name	Lipper Global	CPFIS Risk	CPF Focus	TER Date	Expense Ratio
67	Schroder Asian Growth Fund	Equity Asia Pacific ex Japan	HIGHER RISK	NARROWLY FOCUSED	6/30/2020	1.33
68	Schroder Singapore Trust Class A	Equity Singapore	HIGHER RISK	NARROWLY FOCUSED	6/30/2020	1.32
69	Allianz Best Styles Global Equity Class ET (H2-SGD)	Equity Global	HIGHER RISK	BROADLY DIVERSIFIED	3/31/2020	1.30
70	United Global Quality Growth Fund – Class C SGD Acc (Hedged)	Equity Global	HIGHER RISK	BROADLY DIVERSIFIED	6/30/2020	1.28
71	PineBridge Asia Ex Japan Small Cap Equity Fund - Class Y	Equity Asia Pacific ex Japan	HIGHER RISK	NARROWLY FOCUSED	12/31/2019	1.22
72	Pinebridge US Large Cap Research Enhanced Fund - Class Y	Equity US	HIGHER RISK	NARROWLY FOCUSED	12/31/2019	1.17
73	Nikko AM Shenton Japan Fund (S\$) Class	Equity Japan	HIGHER RISK	NARROWLY FOCUSED	6/30/2020	1.13
74	Nikko AM Shenton Thrift Fund	Equity Singapore	HIGHER RISK	NARROWLY FOCUSED	6/30/2020	0.90
75	Infinity Investment Series – Infinity Global Stock Index Fund (SGD Class)	Equity Global	HIGHER RISK	BROADLY DIVERSIFIED	6/30/2020	0.76
76	Infinity Investment Series – Infinity U.S. 500 Stock Index Fund (SGD Class)	Equity US	HIGHER RISK	NARROWLY FOCUSED	6/30/2020	0.71
77	Schroder International Selection Fund - Global Sustainable Growth SGD F Acc	Equity Global	HIGHER RISK	BROADLY DIVERSIFIED	1/0/1900	0.00
78	Franklin Templeton Investment Funds – Templeton Global Balanced Fund AS (acc)SGD	Mixed Asset USD Bal - Global	MEDIUM TO HIGH RISK	BROADLY DIVERSIFIED	12/31/2019	1.55
79	Schroder Multi-Asset Revolution Class A	Mixed Asset SGD Balanced	MEDIUM TO HIGH RISK	BROADLY DIVERSIFIED	6/30/2020	1.51
80	Eastspring Investments Unit Trusts – Asian Balanced Fund	Mixed Asset SGD Balanced	MEDIUM TO HIGH RISK	NARROWLY FOCUSED	6/30/2020	1.48
81	PineBridge International Funds - Acorns of Asia Balanced Fund	Mixed Asset SGD Balanced	MEDIUM TO HIGH RISK	NARROWLY FOCUSED	6/30/2020	1.46
82	First Sentier Bridge Fund - Class A (Semi-Annually Distributing)	Mixed Asset SGD Balanced	MEDIUM TO HIGH RISK	NARROWLY FOCUSED	6/30/2020	1.44
83	Legg Mason Western Asset Singapore Bond Fund (Class A (SGD) Accumulating)	Bond SGD	LOW TO MEDIUM RISK	NARROWLY FOCUSED	3/31/2020	0.95
84	Manulife Singapore Bond Fund (Class A)	Bond SGD	LOW TO MEDIUM RISK	NARROWLY FOCUSED	6/30/2020	0.92
85	Manulife Asia Pacific Investment Grade Bond Fund Class A	Bond Asia Pacific LC	LOW TO MEDIUM RISK	NARROWLY FOCUSED	6/30/2020	0.90
86	Schroder Asian Investment Grade Credit	Bond Asia Pacific HC	LOW TO MEDIUM RISK	NARROWLY FOCUSED	6/30/2020	0.90
87	Legg Mason Western Asset Global Bond Trust (Class A (SGD) Accumulating)	Bond Global LC	LOW TO MEDIUM RISK	BROADLY DIVERSIFIED	3/31/2020	0.88
88	PineBridge International Funds - Singapore Bond Fund	Bond SGD	LOW TO MEDIUM RISK	NARROWLY FOCUSED	6/30/2020	0.84

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S/N	Name	Lipper Global	CPFIS Risk	CPF Focus	TER Date	Expense Ratio
89	United Singapore Bond Fund	Bond SGD	LOW TO MEDIUM RISK	NARROWLY FOCUSED	6/30/2020	0.76
90	Schroder Singapore Fixed Income Fund Class A	Bond SGD	LOW TO MEDIUM RISK	NARROWLY FOCUSED	6/30/2020	0.69
91	United SGD Fund - Class A (ACC) SGD	Bond SGD	LOW TO MEDIUM RISK	BROADLY DIVERSIFIED	6/30/2020	0.68
92	LionGlobal TEAM - Singapore Fixed Income Investment (Class A)	Bond SGD	LOW TO MEDIUM RISK	NARROWLY FOCUSED	6/30/2020	0.67
93	Eastspring Investments Unit Trusts – Singapore Select Bond Fund Class A	Bond SGD	LOW TO MEDIUM RISK	NARROWLY FOCUSED	6/30/2020	0.62
94	Eastspring Investments Unit Trusts – Singapore Select Bond Fund Class AD	Bond SGD	LOW TO MEDIUM RISK	NARROWLY FOCUSED	6/30/2020	0.62
95	Schroder Global Quality Bond Class SGD Hedged F Acc	Bond Global USD	LOW TO MEDIUM RISK	BROADLY DIVERSIFIED	6/30/2020	0.61
96	LionGlobal Short Duration Bond Fund Class A (SGD) (Dist)	Bond Global LC	LOW TO MEDIUM RISK	NARROWLY FOCUSED	6/30/2020	0.59
97	Nikko AM Shenton Short Term Bond Funds - Nikko AM Shenton Short Term Bond Fund (S\$) Class	Bond Global Short Term	LOW TO MEDIUM RISK	BROADLY DIVERSIFIED	6/30/2020	0.41

Source: Central Provident Fund Board and Lipper

7.1.2 Full List of CPFIS-Included ILPs

S/N	Name (CPF)	Lipper Global	CPFIS Risk	CPF Focus	Detail	TER Date	Expense Ratio
1	Aviva Standard Aberdeen Pacific Equity (SP)	Equity Asia Pacific ex Japan	Higher Risk	Narrowly Focused	Asia	6/30/2020	2.91
2	Aviva LionGlobal Japan Growth (SP)	Equity Japan Sm&Mid Cap	Higher Risk	Narrowly Focused	Japan	6/30/2020	2.90
3	Aviva Capital Growth (SP)	Equity Asia Pacific ex Japan	Higher Risk	Narrowly Focused	Asia	6/30/2020	2.23
4	PruLink Global Property Securities Fund	Equity Sector Real Est Global	Higher Risk	Narrowly Focused	Sector - Others	6/30/2020	2.10
5	AIA International Health Care Fund	Equity Sector Healthcare	Higher Risk	Narrowly Focused	Healthcare	6/30/2020	1.98
6	AIA Global Technology Fund	Equity Sector Information Tech	Higher Risk	Narrowly Focused	Technology	6/30/2020	1.75
7	AIA Greater China Equity Fund	Equity Greater China	Higher Risk	Narrowly Focused	Greater China	6/30/2020	1.75
8	AXA Asian Growth Fund	Equity Asia Pacific ex Japan	Higher Risk	Narrowly Focused	Asia	6/30/2020	1.75
9	AXA China Growth Fund	Equity Greater China	Higher Risk	Narrowly Focused	Greater China	6/30/2020	1.75
10	AXA Fortress Fund A	Equity Singapore	Higher Risk	Narrowly Focused	Singapore	6/30/2020	1.75
11	AXA Fortress Fund B	Equity Singapore	Higher Risk	Narrowly Focused	Singapore	6/30/2020	1.75
12	AXA Global Emerging Markets Equity Fund	Equity Emerging Mkts Global	Higher Risk	Narrowly Focused	Emerging Markets	6/30/2020	1.75
13	AXA Global Equity Blend	Equity Global	Higher Risk	Broadly Diversified	N/A	6/30/2020	1.75
14	AXA Global High Growth Fund	Equity Global	Higher Risk	Broadly Diversified	N/A	6/30/2020	1.75
15	AXA India Fund	Equity India	Higher Risk	Narrowly Focused	Country - Others	6/30/2020	1.75
16	AXA Pacific Equity Fund	Equity Asia Pacific ex Japan	Higher Risk	Narrowly Focused	Asia	6/30/2020	1.75
17	AXA Shariah Global Equity Fund	Equity Global	Higher Risk	Broadly Diversified	N/A	6/30/2020	1.75
18	AXA Singapore Equity Fund	Equity Singapore	Higher Risk	Narrowly Focused	Singapore	6/30/2020	1.75
19	AXA South East Asia Special Situations Fund	Equity ASEAN	Higher Risk	Narrowly Focused	Asia	6/30/2020	1.75
20	AXA Value Growth Fund	Equity Asia Pacific ex Japan	Higher Risk	Narrowly Focused	Asia	6/30/2020	1.75
21	GreatLink Global Emerging Markets Equity Fund	Equity Emerging Mkts Global	Higher Risk	Narrowly Focused	Emerging Markets	6/30/2020	1.75
22	PruLink Emerging Markets Fund	Equity Emerging Mkts Global	Higher Risk	Narrowly Focused	Emerging Markets	6/30/2020	1.75

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S/N	Name (CPF)	Lipper Global	CPFIS Risk	CPF Focus	Detail	TER Date	Expense Ratio
23	AIA India Opportunities Fund	Equity India	Higher Risk	Narrowly Focused	Country - Others	6/30/2020	1.74
24	HSBC Insurance Ethical Global Equity Fund	Equity Global	Higher Risk	Broadly Diversified	N/A	6/30/2020	1.74
25	PRUlink India Equity Fund	Equity India	Higher Risk	Narrowly Focused	Country - Others	6/30/2020	1.74
26	TMLS Global Emerging Markets Equity Fund	Equity Emerging Mkts Global	Higher Risk	Narrowly Focused	Emerging Markets	6/30/2020	1.74
27	TMLS Multi-Asset 90 Fund	Mixed Asset SGD Aggressive	Higher Risk	Broadly Diversified	N/A	6/30/2020	1.74
28	AIA Emerging Markets Equity Fund	Equity Emerging Mkts Global	Higher Risk	Narrowly Focused	Emerging Markets	6/30/2020	1.73
29	AIA Portfolio 100	Equity Global Income	Higher Risk	Broadly Diversified	N/A	6/30/2020	1.73
30	Manulife European Equity Fund	Equity Europe	Higher Risk	Narrowly Focused	Europe	12/31/2019	1.73
31	Manulife Golden Asia Growth Fund	Equity Asia Pacific ex Japan	Higher Risk	Narrowly Focused	Asia	12/31/2019	1.73
32	PruLink Pan European Fund	Equity Europe	Higher Risk	Narrowly Focused	Europe	6/30/2020	1.73
33	TMLS Asian Equity Plus	Equity Asia Pacific ex Japan	Higher Risk	Narrowly Focused	Asia	6/30/2020	1.73
34	Manulife Pacific Equity Fund	Equity Asia Pacific ex Japan	Higher Risk	Narrowly Focused	Asia	12/31/2019	1.72
35	TMLS China Equity Fund	Equity China	Higher Risk	Narrowly Focused	Greater China	6/30/2020	1.72
36	TMLS India Equity Fund	Equity India	Higher Risk	Narrowly Focused	Country - Others	6/30/2020	1.72
37	Manulife Global Emerging Markets Fund	Equity Emerging Mkts Global	Higher Risk	Narrowly Focused	Emerging Markets	12/31/2019	1.71
38	Manulife Golden Singapore Growth Fund	Equity Singapore	Higher Risk	Narrowly Focused	Singapore	12/31/2019	1.71
39	PruLink America Fund	Equity US	Higher Risk	Narrowly Focused	North America	6/30/2020	1.71
40	TMLS Singapore Equity Fund	Equity Singapore	Higher Risk	Narrowly Focused	Singapore	6/30/2020	1.71
41	Manulife India Equity Fund	Equity India	Higher Risk	Narrowly Focused	Country - Others	12/31/2019	1.70
42	PruLink Greater China Fund	Equity Greater China	Higher Risk	Narrowly Focused	Greater China	6/30/2020	1.70
43	PruLink Global Equity Fund	Equity Global Income	Higher Risk	Broadly Diversified	N/A	6/30/2020	1.69
44	HSBC Insurance Pacific Equity Fund	Equity Asia Pacific ex Japan	Higher Risk	Narrowly Focused	Asia	6/30/2020	1.68
45	GreatLink Global Real Estate Securities Fund	Equity Sector Real Est Global	Higher Risk	Narrowly Focused	Sector - Others	6/30/2020	1.67
46	AIA Japan Equity Fund	Equity Japan	Higher Risk	Narrowly Focused	Japan	6/30/2020	1.66
47	GreatLink Singapore Equities Fund	Equity Singapore	Higher Risk	Narrowly Focused	Singapore	6/30/2020	1.66

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S/N	Name (CPF)	Lipper Global	CPFIS Risk	CPF Focus	Detail	TER Date	Expense Ratio
48	Manulife Golden Regional China Fund	Equity China	Higher Risk	Narrowly Focused	Greater China	12/31/2019	1.66
49	Prulink China-India Fund	Equity Emerging Mkts Asia	Higher Risk	Narrowly Focused	Country - Others	6/30/2020	1.66
50	AIA Regional Equity Fund	Equity Asia Pacific ex Japan	Higher Risk	Narrowly Focused	Asia	6/30/2020	1.65
51	GreatLink Global Technology Fund	Equity Sector Information Tech	Higher Risk	Narrowly Focused	Technology	6/30/2020	1.64
52	Manulife Golden Worldwide Equity Fund	Equity Global	Higher Risk	Broadly Diversified	N/A	12/31/2019	1.64
53	Manulife Golden S.E.A Special Situations Fund	Equity ASEAN	Higher Risk	Narrowly Focused	Asia	12/31/2019	1.63
54	GreatLink China Growth Fund	Equity Greater China	Higher Risk	Narrowly Focused	Greater China	6/30/2020	1.62
55	GreatLink Global Equity Alpha Fund	Equity Global	Higher Risk	Broadly Diversified	N/A	6/30/2020	1.62
56	GreatLink Global Perspective Fund	Equity Global	Higher Risk	Broadly Diversified	N/A	6/30/2020	1.61
57	Manulife Lifestyle Portfolios - Growth	Mixed Asset SGD Aggressive	Higher Risk	Broadly Diversified	N/A	12/31/2019	1.60
58	Manulife Asian Small-Cap Equity Fund	Equity Asia Pacific Sm&Mid Cap	Higher Risk	Narrowly Focused	Asia	12/31/2019	1.59
59	GreatLink European Equity Fund	Equity Europe	Higher Risk	Narrowly Focused	Europe	6/30/2020	1.58
60	GreatLink Lion Japan Growth Fund	Equity Japan Sm&Mid Cap	Higher Risk	Narrowly Focused	Japan	6/30/2020	1.58
61	GreatLink Asia Pacific Equity Fund	Equity Asia Pacific ex Japan	Higher Risk	Narrowly Focused	Asia	6/30/2020	1.56
62	GreatLink LifeStyle Dynamic Portfolio	Equity Global	Higher Risk	Broadly Diversified	N/A	6/30/2020	1.55
63	PruLink Asian Equity Fund	Equity Asia Pacific ex Japan	Higher Risk	Narrowly Focused	Asia	6/30/2020	1.53
64	Manulife Lifestyle Portfolios - Aggressive	Equity Global	Higher Risk	Broadly Diversified	N/A	12/31/2019	1.51
65	GreatLink LifeStyle Progressive Portfolio	Mixed Asset SGD Aggressive	Higher Risk	Broadly Diversified	N/A	6/30/2020	1.50
66	PruLink Singapore Growth Fund	Equity Singapore	Higher Risk	Narrowly Focused	Singapore	6/30/2020	1.44
67	TMLS Asian Equity Fund	Equity Asia Pacific ex Japan	Higher Risk	Narrowly Focused	Asia	6/30/2020	1.39
68	Aviva MM Capital Growth	Equity Asia Pacific ex Japan	Higher Risk	Narrowly Focused	Asia	6/30/2020	1.35
69	NTUC Global Technology Fund	Equity Sector Information Tech	Higher Risk	Narrowly Focused	Technology	6/30/2020	1.33
70	NTUC Global Equity Fund	Equity Global	Higher Risk	Broadly Diversified	N/A	6/30/2020	1.28
71	NTUC Takaful Fund	Equity Global	Higher Risk	Broadly Diversified	N/A	6/30/2020	1.25

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S/N	Name (CPF)	Lipper Global	CPFIS Risk	CPF Focus	Detail	TER Date	Expense Ratio
72	NTUC AIM 2045	Target Maturity Other	Higher Risk	Broadly Diversified	N/A	6/30/2020	1.23
73	Manulife Japan Growth Fund	Equity Japan	Higher Risk	Narrowly Focused	Japan	12/31/2019	1.17
74	NTUC Singapore Equity Fund	Equity Singapore	Higher Risk	Narrowly Focused	Singapore	6/30/2020	0.75
75	Aviva Templeton Global Balanced (SP) - CPF	Mixed Asset SGD Balanced	Medium To High Risk	Broadly Diversified	N/A	6/30/2020	2.33
76	Aviva Balanced Growth (SP)	Mixed Asset SGD Balanced	Medium To High Risk	Narrowly Focused	Asia	6/30/2020	2.20
77	Aviva Income Growth (SP)	Mixed Asset SGD Conservative	Medium To High Risk	Narrowly Focused	Asia	6/30/2020	2.18
78	AIA Global Balanced Fund	Mixed Asset SGD Balanced	Medium To High Risk	Broadly Diversified	N/A	6/30/2020	1.55
79	AIA Greater China Balanced Fund	Mixed Asset SGD Balanced	Medium To High Risk	Narrowly Focused	Greater China	6/30/2020	1.55
80	AIA India Balanced Fund	Mixed Asset SGD Balanced	Medium To High Risk	Narrowly Focused	Country - Others	6/30/2020	1.55
81	AIA Japan Balanced Fund	Mixed Asset SGD Balanced	Medium To High Risk	Narrowly Focused	Country - Others	6/30/2020	1.55
82	AIA Portfolio 50	Mixed Asset SGD Balanced	Medium To High Risk	Broadly Diversified	N/A	6/30/2020	1.55
83	AIA Portfolio 70	Mixed Asset SGD Aggressive	Medium To High Risk	Broadly Diversified	N/A	6/30/2020	1.55
84	AXA Asian Balanced Fund	Mixed Asset SGD Balanced	Medium To High Risk	Narrowly Focused	Asia	6/30/2020	1.55
85	AXA Global Balanced Fund	Mixed Asset SGD Balanced	Medium To High Risk	Broadly Diversified	N/A	6/30/2020	1.55
86	AXA Global Growth Fund	Mixed Asset SGD Aggressive	Medium To High Risk	Broadly Diversified	N/A	6/30/2020	1.55
87	AXA Singapore Balanced Fund	Mixed Asset SGD Balanced	Medium To High Risk	Narrowly Focused	Singapore	6/30/2020	1.55
88	AIA Acorns of Asia Fund	Mixed Asset SGD Balanced	Medium To High Risk	Narrowly Focused	Asia	6/30/2020	1.54
89	AIA Emerging Markets Balanced Fund	Mixed Asset SGD Balanced	Medium To High Risk	Narrowly Focused	Regional - Others	6/30/2020	1.54
90	TMLS Global Balanced Fund	Mixed Asset SGD Balanced	Medium To High Risk	Broadly Diversified	N/A	6/30/2020	1.53
91	TMLS Multi-Asset 50 Fund	Mixed Asset SGD Balanced	Medium To High Risk	Broadly Diversified	N/A	6/30/2020	1.53
92	TMLS Multi-Asset 70 Fund	Mixed Asset SGD Aggressive	Medium To High Risk	Broadly Diversified	N/A	6/30/2020	1.53
93	Manulife Income Series – Asian Balanced Fund	Mixed Asset SGD Balanced	Medium To High Risk	Narrowly Focused	Asia	12/31/2019	1.52
94	PruLink Adapt 2025	Target Maturity Other	Medium To High Risk	Broadly Diversified	N/A	6/30/2020	1.52
95	PruLink Adapt 2035	Target Maturity Other	Medium To High Risk	Broadly Diversified	N/A	6/30/2020	1.52
96	PruLink Global Managed Fund	Mixed Asset SGD Balanced	Medium To High Risk	Broadly Diversified	N/A	6/30/2020	1.52

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S/N	Name (CPF)	Lipper Global	CPFIS Risk	CPF Focus	Detail	TER Date	Expense Ratio
97	Manulife Golden Global Balanced Fund	Mixed Asset SGD Balanced	Medium To High Risk	Broadly Diversified	N/A	12/31/2019	1.51
98	Manulife Income Series - Global Balanced Fund	Mixed Asset SGD Balanced	Medium To High Risk	Broadly Diversified	N/A	12/31/2019	1.48
99	PruLink Asian American Managed Fund	Mixed Asset SGD Balanced	Medium To High Risk	Narrowly Focused	Asia	6/30/2020	1.48
100	PruLink Asian Income and Growth Fund	Mixed Asset SGD Balanced	Medium To High Risk	Narrowly Focused	Asia	6/30/2020	1.46
101	Manulife Golden Balanced Growth Fund	Mixed Asset SGD Balanced	MEDIUM TO HIGH RISK	NARROWLY FOCUSED	Singapore	12/31/2019	1.45
102	TMLS Multi-Asset 30 Fund	Mixed Asset SGD Conservative	MEDIUM TO HIGH RISK	BROADLY DIVERSIFIED	N/A	6/30/2020	1.45
103	PruLink Singapore ASEAN Managed Fund	Mixed Asset SGD Aggressive	MEDIUM TO HIGH RISK	NARROWLY FOCUSED	Asia	6/30/2020	1.43
104	Manulife Lifestyle Portfolios - Moderate	Mixed Asset SGD Balanced	MEDIUM TO HIGH RISK	BROADLY DIVERSIFIED	N/A	12/31/2019	1.42
105	Aviva Schroder Multi Asset Revolution	Mixed Asset SGD Balanced	MEDIUM TO HIGH RISK	BROADLY DIVERSIFIED	N/A	6/30/2020	1.41
106	PruLink Singapore Asian Managed Fund	Mixed Asset SGD Aggressive	MEDIUM TO HIGH RISK	NARROWLY FOCUSED	Singapore	6/30/2020	1.4
107	GreatLink Lion Asian Balanced Fund	Mixed Asset SGD Balanced	MEDIUM TO HIGH RISK	NARROWLY FOCUSED	Asia	6/30/2020	1.39
108	GreatLink Global Supreme Fund	Mixed Asset SGD Balanced	MEDIUM TO HIGH RISK	BROADLY DIVERSIFIED	N/A	6/30/2020	1.38
109	Manulife Lifestyle Portfolios - Secure	Mixed Asset SGD Balanced	MEDIUM TO HIGH RISK	BROADLY DIVERSIFIED	N/A	12/31/2019	1.35
110	Aviva MM Balanced Growth	Mixed Asset SGD Balanced	MEDIUM TO HIGH RISK	NARROWLY FOCUSED	Asia	6/30/2020	1.33
111	GreatLink Lifestyle Balanced Portfolio	Mixed Asset SGD Balanced	MEDIUM TO HIGH RISK	BROADLY DIVERSIFIED	N/A	6/30/2020	1.33
112	Aviva MM Income Growth	Mixed Asset SGD Conservative	MEDIUM TO HIGH RISK	NARROWLY FOCUSED	Asia	6/30/2020	1.3
113	AIA Growth Fund	Mixed Asset SGD Aggressive	MEDIUM TO HIGH RISK	NARROWLY FOCUSED	Singapore	6/30/2020	1.28
114	NTUC Asia Managed Fund	Mixed Asset SGD Aggressive	MEDIUM TO HIGH RISK	NARROWLY FOCUSED	Asia	6/30/2020	1.22
115	NTUC AIM 2035	Target Maturity Other	MEDIUM TO HIGH RISK	BROADLY DIVERSIFIED	N/A	6/30/2020	1.21
116	NTUC AIM 2025	Target Maturity Other	MEDIUM TO HIGH RISK	BROADLY DIVERSIFIED	N/A	6/30/2020	1.19
117	GreatLink Lifestyle Steady Portfolio	Mixed Asset SGD Balanced	MEDIUM TO HIGH RISK	BROADLY DIVERSIFIED	N/A	6/30/2020	1.14
118	NTUC Global Managed Fund (Growth)	Mixed Asset SGD Aggressive	MEDIUM TO HIGH RISK	BROADLY DIVERSIFIED	N/A	6/30/2020	1.1
119	NTUC Prime Fund	Mixed Asset SGD Balanced	MEDIUM TO HIGH RISK	NARROWLY FOCUSED	Asia	6/30/2020	1.08
120	NTUC Singapore Managed Fund	Mixed Asset SGD Balanced	MEDIUM TO HIGH RISK	NARROWLY FOCUSED	Singapore	6/30/2020	1.08

THIRD QUARTER 2020 PERFORMANCE & RISK-MONITORING REPORT

S/N	Name (CPF)	Lipper Global	CPFIS Risk	CPF Focus	Detail	TER Date	Expense Ratio
121	NTUC Global Managed Fund (Balanced)	Mixed Asset SGD Balanced	MEDIUM TO HIGH RISK	BROADLY DIVERSIFIED	N/A	6/30/2020	1.07
122	GreatLink Lifestyle Secure Portfolio	Mixed Asset SGD Conservative	MEDIUM TO HIGH RISK	BROADLY DIVERSIFIED	N/A	6/30/2020	0.98
123	NTUC Global Managed Fund (Conservative)	Mixed Asset SGD Conservative	MEDIUM TO HIGH RISK	BROADLY DIVERSIFIED	N/A	6/30/2020	0.98
124	Aviva Legg Mason Western Asset Global Bond Trust (SP)	Bond Global LC	LOW TO MEDIUM RISK	BROADLY DIVERSIFIED	N/A	6/30/2020	2.37
125	Aviva Nikko AM Shenton Short Term Bond (SP)	Bond Global Short Term	LOW TO MEDIUM RISK	BROADLY DIVERSIFIED	N/A	6/30/2020	2.06
126	AIA Global Bond Fund	Bond Global LC	LOW TO MEDIUM RISK	BROADLY DIVERSIFIED	N/A	6/30/2020	0.95
127	AXA Global Defensive Fund	Bond Global LC	LOW TO MEDIUM RISK	BROADLY DIVERSIFIED	N/A	6/30/2020	0.95
128	AXA Global Secure Fund	Mixed Asset SGD Conservative	LOW TO MEDIUM RISK	BROADLY DIVERSIFIED	N/A	6/30/2020	0.95
129	AXA Short Duration Bond Fund	Bond SGD	LOW TO MEDIUM RISK	BROADLY DIVERSIFIED	N/A	6/30/2020	0.95
130	AXA Singapore Bond Fund	Bond SGD	LOW TO MEDIUM RISK	NARROWLY FOCUSED	Singapore	6/30/2020	0.95
131	HSBC Insurance Global Bond Fund	Bond Global LC	LOW TO MEDIUM RISK	BROADLY DIVERSIFIED	N/A	6/30/2020	0.95
132	Manulife Singapore Bond Fund	Bond SGD	LOW TO MEDIUM RISK	NARROWLY FOCUSED	Singapore	12/31/2019	0.95
133	AIA Portfolio 30	Mixed Asset SGD Conservative	LOW TO MEDIUM RISK	BROADLY DIVERSIFIED	N/A	6/30/2020	0.94
134	TMLS Singapore Bond Fund	Bond SGD	LOW TO MEDIUM RISK	NARROWLY FOCUSED	Singapore	6/30/2020	0.93
135	NTUC AIM NOW	Mixed Asset SGD Conservative	LOW TO MEDIUM RISK	BROADLY DIVERSIFIED	N/A	6/30/2020	0.92
136	Manulife Income Series - Asia Pacific Investment Grade Bond Fund	Bond Asia Pacific LC	LOW TO MEDIUM RISK	NARROWLY FOCUSED	Asia	12/31/2019	0.91
137	Manulife Golden International Bond Fund	Bond Global LC	LOW TO MEDIUM RISK	BROADLY DIVERSIFIED	N/A	12/31/2019	0.9
138	GreatLink Global Bond Fund	Bond Global LC	LOW TO MEDIUM RISK	BROADLY DIVERSIFIED	N/A	6/30/2020	0.89
139	NTUC Global Bond Fund	Bond Global LC	LOW TO MEDIUM RISK	BROADLY DIVERSIFIED	N/A	6/30/2020	0.88
140	AIA Regional Fixed Income Fund	Bond SGD	LOW TO MEDIUM RISK	NARROWLY FOCUSED	Singapore	6/30/2020	0.87
141	Manulife Lifestyle Portfolios - Conservative	Mixed Asset SGD Conservative	LOW TO MEDIUM RISK	NARROWLY FOCUSED	Asia	12/31/2019	0.86
142	PruLink Global Bond Fund	Bond Global LC	LOW TO MEDIUM RISK	BROADLY DIVERSIFIED	N/A	6/30/2020	0.77
143	PruLink Singapore Dynamic Bond Fund	Bond SGD	LOW TO MEDIUM RISK	NARROWLY FOCUSED	Singapore	6/30/2020	0.62
144	GreatLink Short Duration Bond Fund	Bond Global LC	LOW TO MEDIUM RISK	NARROWLY FOCUSED	Asia	6/30/2020	0.61

THIRD QUARTER 2020 PERFORMANCE & RISK-MONITORING REPORT

S/N	Name (CPF)	Lipper Global	CPFIS Risk	CPF Focus	Detail	TER Date	Expense Ratio
145	NTUC Singapore Bond Fund	Bond SGD	LOW TO MEDIUM RISK	NARROWLY FOCUSED	Singapore	6/30/2020	0.53
146	TMLS Global Bond Fund	Bond SGD	LOW TO MEDIUM RISK	BROADLY DIVERSIFIED	N/A	6/30/2020	0.84
147	Manulife Singapore Cash Fund	Money Market SGD	LOWER RISK	NARROWLY FOCUSED	Singapore	12/31/2019	0.78
148	GreatLink Cash Fund	Money Market SGD	LOWER RISK	BROADLY DIVERSIFIED	N/A	6/30/2020	0.32
149	PruLink Singapore Cash Fund	Money Market SGD	LOWER RISK	BROADLY DIVERSIFIED	N/A	6/30/2020	0.32
150	AIA S\$ Money Market Fund	Money Market SGD	LOWER RISK	NARROWLY FOCUSED	Singapore	6/30/2020	0.31





Source: Central Provident Fund Board and Lipper

Lipper Leader Rating Methodology

Unlike many competing quantitative measures, the strength of the Lipper Leader rating system is that it uses investor-centered criteria and not asset- or style/strategy-based criteria. These investor-centered criteria deliver clear, straightforward descriptions of a fund’s success in meeting certain goals, such as preserving capital or building wealth through consistent, strong returns.

Investor-centered measures of fund performance and suitability






The Lipper Leader rating system consists of four metrics that provide clear, straightforward descriptions of a fund’s success in meeting certain goals for constructing individualized portfolios.

-  **Total Return**
-  **Consistent Return**
-  **Preservation**
-  **Expense**

Determine whether you are investing in funds that fit your investment goals

Lipper Leaders provide context and perspective for making informed investment decisions but do not predict future performance. Funds are ranked against their Lipper peer group classifications each month for three-, five-, and ten-year periods and for the overall period. These ratings are based on an equal-weighted average of percentile ranks of the four Lipper Leader metrics.

For each metric:

-  The top 20% of funds receive a rating of “5” and are named **Lipper Leaders**.
-  The next 20% of funds receive a rating of “4.”
-  The middle 20% of funds receive a rating of “3.”
-  The next 20% of funds receive a rating of “2.”
-  The lowest 20% of funds receive a rating of “1.”



Lipper Leader Metrics

Total Return

The Lipper Leader rating for Total Return denotes a fund that has provided superior total return (income from dividends and interest as well as capital appreciation) compared to a group of similar funds. A Lipper Leader for Total Return may be the best fit for investors who want the best historical return, without looking at risk. This measure alone may not be suitable for investors who want to avoid downside risk. For more risk-averse investors the Total Return rating can be used with the Preservation and/or Consistent Return ratings to make an appropriate selection that balances risk and return.

Expense

The Lipper Leader rating for Expense identifies a fund that has successfully managed to keep its expenses low relative to its peers and within its load structure. A Lipper Leader for Expense may be the best fit for investors who want to minimize their total costs. This measure can be used in conjunction with Total Return or Consistent Return to identify funds with above-average performance and lower-than-average cost.

Consistent Return

The Lipper Leader rating for Consistent Return identifies a fund that has provided relatively superior consistency and risk-adjusted returns compared to a group of similar funds. Funds that achieve high ratings for Consistent Return may be the best fit for investors who value a fund's year-to-year consistency relative to other funds in a particular peer group.

Investors are cautioned that some peer groups are inherently more volatile than others, and even Lipper Leaders for Consistent Return in the most volatile groups may not be well suited to shorter-term goals or less risk-tolerant investors.

Preservation

The Lipper Leader rating for Preservation is for a fund that has demonstrated a superior ability to preserve capital in a variety of markets compared with other funds in its asset class.

Choosing a Lipper Leader for Preservation may help to minimize downside risk relative to other fund choices in the same asset class. Investors are cautioned that equity funds have historically been more volatile than mixed-equity or fixed income funds, and that even a Lipper Leader for Preservation in more volatile asset classes may not be well suited to shorter-term goals or less risk-tolerant investors.

7.2 Investment Terminology Definitions

Lipper Global Classification

The Lipper Global Classification (LGC) is the unique fund classification system developed by Lipper to assist fund information users in comparing fund performance within a reasonable peer group. Its purpose is to create homogeneous groups of funds with comparable investment objectives. We refine our existing classifications to ensure meaningful peer groups and add new classifications in response to client requests and market trends.

For more information please visit <http://www.lipperweb.com/Research/ClassMethodology.aspx>

Quantitative Analysis

- **Return**

All returns are calculated on a NAV-to-NAV basis in Singapore dollars with dividends reinvested. The gain or loss of a particular fund in a particular period is calculated with the following formula:

Performance

$$\text{Percentage Growth} = \frac{\text{NAV}_t - \text{NAV}_{t-1}}{\text{NAV}_{t-1}}$$

For simple return:

$$\text{Performance Annualized} = (1 + \text{Percentage Growth})^{\frac{\text{Number of Time Units Per Year}}{\text{Number of Time Units in Period}}} - 1$$

- **Return Relative to Benchmark**

Relative return is a measure of fund performance relative to its benchmark's performance. It is calculated as the difference between the fund's return and the benchmark's return over a given period. Higher relative return means better fund performance relative to the benchmark's performance.

Formula:

$$\text{Relative Return} = \text{Fund Return} - \text{Benchmark Return}$$

▪ **Expense Ratio**

Expense ratio expresses the management, trustee, and certain other expenses of a managed fund as a proportion of the net asset value of the fund. The expense ratio expresses the sum of all operating expenses charged on an ongoing basis to the fund’s assets as a percentage of the fund’s average net asset value and is calculated using the following formula:

$$\text{Total Expense Ratio (\%)} = \frac{\text{Total Operating Expenses}}{\text{Average Net Asset Value}} \times 100$$

▪ **Information Ratio**

Information ratio is a risk-adjusted measure of a fund’s performance relative to its benchmark’s performance. (The fund’s benchmark can be found in the supplementary document Return Performance Review.) The information ratio is given by the ratio of average relative return (excess return) and tracking error. Tracking error or tracking risk refers to the volatility or standard deviation of the investment manager’s excess return over the benchmark’s return. A higher information ratio means better fund performance relative to the benchmark’s performance on a risk-adjusted basis.

Formula:

$$\text{Information Ratio} = \frac{\text{Average Relative Return}}{\text{Tracking Error}}$$

$$\text{Information Ratio Annualized} = \sqrt{\frac{\text{Number of Time Units Per Year}}{\text{Number of Time Units Per Sub Period}}} \times \text{Information Ratio}$$

▪ **Sharpe Ratio**

The Sharpe ratio is a risk-adjusted measure of performance developed by William F. Sharpe; it is also known as the reward-to-volatility ratio. It is calculated as the average subperiod excess return divided by the standard deviation of subperiod excess return over a given period. Subperiod excess return is the difference between the investment return and the CPFIS-OA guaranteed interest rate for a subperiod. A higher Sharpe ratio means better fund performance relative to the risk-free rate on a risk-adjusted basis. The Sharpe ratio is a special form of information ratio where the risk-free rate is the benchmark.

Formula:

$$\text{Sharpe Ratio} = \frac{\text{Average Sub Period Excess Return}}{\text{Standard Deviation of Sub Period Excess Returns}}$$

$$\text{Sharpe Ratio Annualized} = \sqrt{\frac{\text{Number of Time Units Per Year}}{\text{Number of Time Units Per Sub Period}}} \times \text{Sharpe Ratio}$$

▪ **Standard Deviation**

Standard deviation is a measure of investment risk or volatility in subperiod returns. It is calculated as the square root of variance, which is the average of the subperiod squared deviations over a given period. Higher standard deviation means higher risk.

Formula:

$$\text{Variance} = \frac{\sum (\text{Sub Period Returns} - \text{Average Return})^2}{\text{Number of Sub Periods} - 1}$$

$$\text{Standard Deviation} = \sqrt{\text{Variance}}$$

$$\text{Standard Deviation Annualized} = \sqrt{\frac{\text{Number of Time Units Per Year}}{\text{Number of Time Units Per Sub Period}}} \times \text{Standard Deviation}$$

▪ **Maximum Gain**

Maximum gain is the most positive monthly return over a given period.

Formula:

$$\text{Maximum Gain} = \text{Max (Positive Sub-Period Returns)}$$

▪ **Maximum Loss**

Maximum loss is the most negative monthly return over a given period.

Formula:

$$\text{Maximum Loss} = \text{Min (Negative Sub-Period Returns)}$$

▪ **Return/Risk**

The return/risk ratio is a measure of risk-adjusted performance. It is calculated as the average return divided by the standard deviation of subperiod returns over a given period. A higher return/risk ratio means better fund performance relative to fund volatility on a risk-adjusted basis.

Formula:

$$\text{Return to Risk} = \frac{\text{Average Return}}{\text{Standard Deviation}}$$

$$\text{Return to Risk Annualized} = \sqrt{\frac{\text{Number of Time Units Per Year}}{\text{Number of Time Units Per Sub Period}}} \times \text{Return to Risk}$$