

PFMI Principle Reference	Disclosure Reference	Disclosure Title	Disclosure Description	Current Quarter - Report Date	Current Quarter - Data	Current Quarter - Notes	Previous Quarter - Date	Previous Quarter - Data	Previous Quarter - Notes
4.1	4.1.1	Total value of default resources (excluding initial and retained variation margin), split by clearing service if default funds are segregated by clearing service	Prefunded - Own Capital Before; Reported as at quarter end	31/12/2019	HKD 441,236,142.13	4.1 - HKSCC retains a single Guarantee Fund for its different products.  4.1.1 - The reported amount includes HKSCC own capital (of HKD 273,332,516.40) and accumulated interest income earned on Guarantee Fund contributions. HKSCC own capital are junior to member contributions in the default waterfall. While interest income does not represent HKSCC's prefunded own resources, interest income are junior to member contributions in the default waterfall, hence interest income together with HKSCC own capital are reported in this component.	30/09/2019	HKD 522,488,895.43	4.1 - HKSCC retains a single Guarantee Fund for its different products.  4.1.1 - The reported amount includes HKSCC own capital (of HKD 358,529,269.70) and accumulated interest income earned on Guarantee Fund contributions. HKSCC own capital are junior to member contributions in the default waterfall. While interest income does not represent HKSCC's prefunded own resources, interest income are junior to member contributions in the default waterfall, hence interest income together with HKSCC own capital are reported in this component.
4.1	4.1.2	Total value of default resources (excluding initial and retained variation margin), split by clearing service if default funds are segregated by clearing service	Prefunded - Own Capital Alongside; Reported as at quarter end	31/12/2019	HKD 0.00		30/09/2019	HKD 0.00	
4.1	4.1.3	Total value of default resources (excluding initial and retained variation margin), split by clearing service if default funds are segregated by clearing service	Prefunded - Own Capital After; Reported as at quarter end	31/12/2019	HKD 0.00		30/09/2019	HKD 0.00	
4.1	4.1.4	Total value of default resources (excluding initial and retained variation margin), split by clearing service if default funds are segregated by clearing service	Prefunded - Aggregate Participant Contributions - Required; Reported as at quarter end	31/12/2019	HKD 2,107,709,813.00		30/09/2019	HKD 2,847,549,474.00	
4.1	4.1.5	Total value of default resources (excluding initial and retained variation margin), split by clearing service if default funds are segregated by clearing service	Prefunded - Aggregate Participant Contributions - Post-Haircut Posted; Reported as at quarter end	31/12/2019	HKD 2,107,709,813.00		30/09/2019	HKD 2,847,549,474.00	
4.1	4.1.6	Total value of default resources (excluding initial and retained variation margin), split by clearing service if default funds are segregated by clearing service	Prefunded - Other; Reported as at quarter end	31/12/2019	HKD 184,479,221.00	4.1.6 - Hong Kong Exchanges and Clearing Limited (HKEX) has committed HKD 4 billion from its shareholders' funds as HKEX Risk Management Capital to use only for the strengthening the risk management framework of the three clearing houses as central counterparties. Effective from 1 Jun 2018, the HKSCC Margin Credit, HKSCC Dynamic Contribution Credit, HKCC Participant Additional Deposit Credit and the three clearing houses appropriations are supported by the HKD 4 billion. The figures HKD 10,000,000.00, HKD 184,479,221.00 and HKD 273,332,516.40 represent HKSCC Margin Credit utilized by the assumed defaulting participants, HKSCC Dynamic Contribution Credit utilized and HKSCC appropriation respectively as at quarter end Dec 2019 which is supported by the HKEX Risk Management Capital.	30/09/2019	HKD 216,797,008.00	4.1.6 - Hong Kong Exchanges and Clearing Limited (HKEX) has committed HKD 4 billion from its shareholders' funds as HKEX Risk Management Capital to use only for the strengthening the risk management framework of the three clearing houses as central counterparties. Effective from 1 Jun 2018, the HKSCC Margin Credit, HKSCC Dynamic Contribution Credit, HKCC Participant Additional Deposit Credit and the three clearing houses appropriations are supported by the HKD 4 billion. The figures HKD 10,000,000.00, HKD 216,797,008.00 and HKD 358,529,269.70 represent HKSCC Margin Credit utilized by the assumed defaulting participants, HKSCC Dynamic Contribution Credit utilized and HKSCC appropriation respectively as at quarter end Sep 2019 which is supported by the HKEX Risk Management Capital.
4.1	4.1.7	Total value of default resources (excluding initial and retained variation margin), split by clearing service if default funds are segregated by clearing service	Committed - Own/parent funds that are committed to address a participant default (or round of participant defaults); Reported as at quarter end	31/12/2019	Not applicable		30/09/2019	Not applicable	
4.1	4.1.8	Total value of default resources (excluding initial and retained variation margin), split by clearing service if default funds are segregated by clearing service	Committed - Aggregate participant commitments to address an initial participant default (or initial round of participant defaults); Reported as at quarter end	31/12/2019	Not applicable	4.1.8 - CCASS Operational Procedures stipulate "HKSCC may at any time require a Relevant Clearing Participant to provide additional amounts as its Basic Contribution and/or Dynamic Contribution in respect of any pending applications thereof pursuant to Rules 2507 and 2507A. HKSCC will notify the Relevant Clearing Participant and demand for payment of such additional amounts in a notice to the Relevant Clearing Participant and such notice may be included in the notice of application to the Relevant Clearing Participant. The Relevant Clearing Participant shall provide to HKSCC such additional amounts within the time specified by HKSCC. Any amounts required from the Relevant Clearing Participant for replenishment of its Basic Contribution and/or Dynamic Contribution and provision of additional amounts as Contributions in respect of pending applications thereof must be paid in full by the Relevant Clearing Participant in cash in Hong Kong dollars or in any other currency prescribed by HKSCC from time to time. HKSCC may require the amounts to be satisfied in full before any application is made." Reference: CCASS Operational Procedures, Chapter 18, Section 18.6.1	30/09/2019	Not applicable	4.1.8 - CCASS Operational Procedures stipulate "HKSCC may at any time require a Relevant Clearing Participant to provide additional amounts as its Basic Contribution and/or Dynamic Contribution in respect of any pending applications thereof pursuant to Rules 2507 and 2507A. HKSCC will notify the Relevant Clearing Participant and demand for payment of such additional amounts in a notice to the Relevant Clearing Participant and such notice may be included in the notice of application to the Relevant Clearing Participant. The Relevant Clearing Participant shall provide to HKSCC such additional amounts within the time specified by HKSCC. Any amounts required from the Relevant Clearing Participant for replenishment of its Basic Contribution and/or Dynamic Contribution and provision of additional amounts as Contributions in respect of pending applications thereof must be paid in full by the Relevant Clearing Participant in cash in Hong Kong dollars or in any other currency prescribed by HKSCC from time to time. HKSCC may require the amounts to be satisfied in full before any application is made." Reference: CCASS Operational Procedures, Chapter 18, Section 18.6.1
4.1	4.1.9	Total value of default resources (excluding initial and retained variation margin), split by clearing service if default funds are segregated by clearing service	Committed - Aggregate participant commitments to replenish the default fund to deal with a subsequent participant default (or round of participant defaults) after the initial participant default (or round of participant defaults) has been addressed; Reported as at quarter end	31/12/2019	Not applicable	4.1.9 - General Rules of CCASS stipulate that HKSCC Clearing Participants (CPs) are required to replenish the deficiency of their Guarantee Fund contributions should the Guarantee Fund be applied to cover default losses. There is no cap on an HKSCC CP's liability in the absence of it serving a notice of termination. However, an HKSCC CP can limit its liability to certain further replenishment requirement by submitting a notice of termination to terminate its participation in HKSCC. The aggregate liability of a resigning HKSCC CP to replenish a deficiency of Guarantee Fund contributions is limited to (a) the aggregate amount of the HKSCC CP's required Guarantee Fund contribution on the day HKSCC receives the notice of termination; and (b) two times the amount in (a). Reference: General Rules of CCASS, Chapter 25, Rules 2508 and 2509	30/09/2019	Not applicable	4.1.9 - General Rules of CCASS stipulate that HKSCC Clearing Participants (CPs) are required to replenish the deficiency of their Guarantee Fund contributions should the Guarantee Fund be applied to cover default losses. There is no cap on an HKSCC CP's liability in the absence of it serving a notice of termination. However, an HKSCC CP can limit its liability to certain further replenishment requirement by submitting a notice of termination to terminate its participation in HKSCC. The aggregate liability of a resigning HKSCC CP to replenish a deficiency of Guarantee Fund contributions is limited to (a) the aggregate amount of the HKSCC CP's required Guarantee Fund contribution on the day HKSCC receives the notice of termination; and (b) two times the amount in (a). Reference: General Rules of CCASS, Chapter 25, Rules 2508 and 2509
4.1	4.1.10	Total value of default resources (excluding initial and retained variation margin), split by clearing service if default funds are segregated by clearing service	Committed - Other; Reported as at quarter end	31/12/2019	Not applicable		30/09/2019	Not applicable	
4.2	4.2.1	Kccp	Kccp - Kccp need only be reported by those CCPs which are, or seek to be a "qualifying CCP" under relevant law	31/12/2019	Not applicable	4.2.1 HKSCC is a qualifying CCP but Kccp is not applicable to HKSCC because products cleared by HKSCC are subject to settlement risk only which do not fall under the scope of application.	30/09/2019	Not applicable	4.2.1 HKSCC is a qualifying CCP but Kccp is not applicable to HKSCC because products cleared by HKSCC are subject to settlement risk only which do not fall under the scope of application.

4.3	4.3.1	Value of pre-funded default resources (excluding initial and retained variation margin) held for each clearing service, in total and split by	Cash deposited at a central bank of issue of the currency concerned; Reported as at quarter end; Pre-Haircut and Post-Haircut	31/12/2019	PreHaircut : HKD 0.00 PostHaircut : HKD 0.00		30/09/2019	PreHaircut : HKD 0.00 PostHaircut : HKD 0.00	
4.3	4.3.2	Value of pre-funded default resources (excluding initial and retained variation margin) held for each clearing service, in total and split by	Cash deposited at other central banks; Reported as at quarter end; Pre-Haircut and Post-Haircut	31/12/2019	PreHaircut : HKD 0.00 PostHaircut : HKD 0.00		30/09/2019	PreHaircut : HKD 0.00 PostHaircut : HKD 0.00	
4.3	4.3.3	Value of pre-funded default resources (excluding initial and retained variation margin) held for each clearing service, in total and split by	Secured cash deposited at commercial banks (including reverse repo); Reported as at quarter end; Pre-Haircut and Post-Haircut	31/12/2019	PreHaircut : HKD 0.00 PostHaircut : HKD 0.00		30/09/2019	PreHaircut : HKD 0.00 PostHaircut : HKD 0.00	
4.3	4.3.4	Value of pre-funded default resources (excluding initial and retained variation margin) held for each clearing service, in total and split by	Unsecured cash deposited at commercial banks; Reported as at quarter end; Pre-Haircut and Post-Haircut	31/12/2019	PreHaircut : HKD2,281,000,000.00 PostHaircut : HKD2,281,000,000.00		30/09/2019	PreHaircut : HKD3,015,000,000.00 PostHaircut : HKD3,015,000,000.00	
4.3	4.3.5	Value of pre-funded default resources (excluding initial and retained variation margin) held for each clearing service, in total and split by	Non-Cash Sovereign Government Bonds - Domestic; Reported as at quarter end; Pre-Haircut and Post-Haircut	31/12/2019	PreHaircut : HKD 0.00 PostHaircut : HKD 0.00		30/09/2019	PreHaircut : HKD 0.00 PostHaircut : HKD 0.00	
4.3	4.3.6	Value of pre-funded default resources (excluding initial and retained variation margin) held for each clearing service, in total and split by	Non-Cash Sovereign Government Bonds - Other; Reported as at quarter end; Pre-Haircut and Post-Haircut	31/12/2019	PreHaircut : HKD 0.00 PostHaircut : HKD 0.00		30/09/2019	PreHaircut : HKD 0.00 PostHaircut : HKD 0.00	
4.3	4.3.7	Value of pre-funded default resources (excluding initial and retained variation margin) held for each clearing service, in total and split by	Non-Cash Agency Bonds; Reported as at quarter end; Pre-Haircut and Post-Haircut	31/12/2019	PreHaircut : HKD 0.00 PostHaircut : HKD 0.00		30/09/2019	PreHaircut : HKD 0.00 PostHaircut : HKD 0.00	
4.3	4.3.8	Value of pre-funded default resources (excluding initial and retained variation margin) held for each clearing service, in total and split by	Non-Cash State/municipal bonds; Reported as at quarter end; Pre-Haircut and Post-Haircut	31/12/2019	PreHaircut : HKD 0.00 PostHaircut : HKD 0.00		30/09/2019	PreHaircut : HKD 0.00 PostHaircut : HKD 0.00	
4.3	4.3.9	Value of pre-funded default resources (excluding initial and retained variation margin) held for each clearing service, in total and split by	Non-Cash Corporate bonds; Reported as at quarter end; Pre-Haircut and Post-Haircut	31/12/2019	PreHaircut : HKD 0.00 PostHaircut : HKD 0.00		30/09/2019	PreHaircut : HKD 0.00 PostHaircut : HKD 0.00	
4.3	4.3.10	Value of pre-funded default resources (excluding initial and retained variation margin) held for each clearing service, in total and split by	Non-Cash Equities; Reported as at quarter end; Pre-Haircut and Post-Haircut	31/12/2019	PreHaircut : HKD 0.00 PostHaircut : HKD 0.00		30/09/2019	PreHaircut : HKD 0.00 PostHaircut : HKD 0.00	
4.3	4.3.11	Value of pre-funded default resources (excluding initial and retained variation margin) held for each clearing service, in total and split by	Non-Cash Commodities - Gold; Reported as at quarter end; Pre-Haircut and Post-Haircut	31/12/2019	PreHaircut : HKD 0.00 PostHaircut : HKD 0.00		30/09/2019	PreHaircut : HKD 0.00 PostHaircut : HKD 0.00	
4.3	4.3.12	Value of pre-funded default resources (excluding initial and retained variation margin) held for each clearing service, in total and split by	Non-Cash Commodities - Other; Reported as at quarter end; Pre-Haircut and Post-Haircut	31/12/2019	PreHaircut : HKD 0.00 PostHaircut : HKD 0.00		30/09/2019	PreHaircut : HKD 0.00 PostHaircut : HKD 0.00	
4.3	4.3.13	Value of pre-funded default resources (excluding initial and retained variation margin) held for each clearing service, in total and split by	Non-Cash Commodities - Mutual Funds / UCITs; Reported as at quarter end; Pre-Haircut and Post-Haircut	31/12/2019	PreHaircut : HKD 0.00 PostHaircut : HKD 0.00		30/09/2019	PreHaircut : HKD 0.00 PostHaircut : HKD 0.00	
4.3	4.3.14	Value of pre-funded default resources (excluding initial and retained variation margin) held for each clearing service, in total and split by	Non-Cash Commodities - Other; Reported as at quarter end; Pre-Haircut and Post-Haircut	31/12/2019	PreHaircut : HKD 0.00 PostHaircut : HKD 0.00		30/09/2019	PreHaircut : HKD 0.00 PostHaircut : HKD 0.00	
4.3	4.3.15	Value of pre-funded default resources (excluding initial and retained variation margin) held for each clearing service, in total	In total. Reported as at quarter end; Pre-Haircut and Post-Haircut	31/12/2019	PreHaircut : HKD2,281,000,000.00 PostHaircut : HKD2,281,000,000.00		30/09/2019	PreHaircut : HKD3,015,000,000.00 PostHaircut : HKD3,015,000,000.00	
4.4	4.4.1	Credit Risk Disclosures	State whether the CCP is subject to a minimum "Cover 1" or "Cover 2" requirement in relation to total pre-funded default resources.	31/12/2019	The largest 1st and 5th CPs		30/09/2019	The largest 1st and 5th CPs	
4.4	4.4.2	Credit Risk Disclosures	For each clearing service, state the number of business days within which the CCP assumes it will close out the default when calculating credit exposures that would potentially need to be covered by the default fund.	31/12/2019	1		30/09/2019	1	

4.4	4.4.3	Credit Risk Disclosures	For each clearing service, the estimated largest aggregate stress loss (in excess of initial margin) that would be caused by the default of any single participant and its affiliates (including transactions cleared for indirect participants) in extreme but plausible market conditions; Peak day amount in the previous 12 months and mean average over the previous 12 months	31/12/2019	PeakDayAmountInPast12Months : HKD 3,123,408,877.14 MeanAverageOverPrevious12Months : HKD 775,631,852.37	4.4.3 - In consensus with the local regulator, HKSCC is subject to a "Cover" requirement of the largest and 5th largest CP, i.e. Cover 1+5. Estimated largest aggregate stress loss (in excess of initial margin) under Cover 1+5: - Peak day amount in the previous 12 months = HKD 3,226,763,427.16 - Mean average over the previous 12 months = HKD 1,140,184,294.69	30/09/2019	PeakDayAmountInPast12Months : HKD 3,123,408,877.14 MeanAverageOverPrevious12Months : HKD 780,068,562.41	4.4.3 - In consensus with the local regulator, HKSCC is subject to a "Cover" requirement of the largest and 5th largest CP, i.e. Cover 1+5. Estimated largest aggregate stress loss (in excess of initial margin) under Cover 1+5: - Peak day amount in the previous 12 months = HKD 3,226,763,427.16 - Mean average over the previous 12 months = HKD 1,163,268,552.69
4.4	4.4.4	Credit Risk Disclosures	Report the number of business days, if any, on which the above amount (4.4.3) exceeded actual pre-funded default resources (in excess of initial margin).	31/12/2019	0	4.4.4 - Actual pre-funded default resources include the HKEX Risk Management Capital which is shared amongst the 3 on-exchange clearing houses, namely HKSCC, HKCC and SEOCH. Hence, the number of days on which the amount exceeded actual pre-funded default resources (in excess of collateral) is calculated on an aggregated basis for these 3 on-exchange clearing houses.  Number of days on which the amount under Cover 1+5 in 4.4.3 exceeded actual pre-funded default resources represented in 4.1.1 to 4.1.6 (in excess of collateral) = 0	30/09/2019	0	4.4.4 - Actual pre-funded default resources include the HKEX Risk Management Capital which is shared amongst the 3 on-exchange clearing houses, namely HKSCC, HKCC and SEOCH. Hence, the number of days on which the amount exceeded actual pre-funded default resources (in excess of collateral) is calculated on an aggregated basis for these 3 on-exchange clearing houses.  Number of days on which the amount under Cover 1+5 in 4.4.3 exceeded actual pre-funded default resources represented in 4.1.1 to 4.1.6 (in excess of collateral) = 0
4.4	4.4.5	Credit Risk Disclosures	The amount in 4.4.3 which exceeded actual pre-funded default resources (in excess of initial margin)	31/12/2019	AmountExceeded : HKD 0.00	4.4.5 - The amounts under Cover 1+5 in 4.4.3 which exceeded actual pre-funded default resources represented in 4.1.1 to 4.1.6 (in excess of collateral) is HKD 0.00	30/09/2019	AmountExceeded : HKD 0.00	4.4.5 - The amounts under Cover 1+5 in 4.4.3 which exceeded actual pre-funded default resources represented in 4.1.1 to 4.1.6 (in excess of collateral) is HKD 0.00
4.4	4.4.6	Credit Risk Disclosures [Prepared by OR team in this quarter]	For each clearing service, the actual largest aggregate credit exposure (in excess of initial margin) to any single participant and its affiliates (including transactions cleared for indirect participants); Peak day amount in the previous 12 months and mean average over the previous 12 months	31/12/2019	PeakDayAmountInPast12Months : HKD 113,348,953.80 MeanAverageOverPrevious12Months : HKD 1,931,305.43	4.4.6 - Actual largest aggregate credit exposure (in excess of collateral) under Cover 1+5 (including transactions cleared for indirect participants): - Peak day amount in the previous 12 months = HKD 126,489,116.00 - Mean average over the previous 12 months = HKD 2,091,448.27 4.4.6 - Participant groups (i.e., participant with its affiliates) are used to arrive the actual largest aggregate credit exposure (in excess of initial margin) to single participant and its affiliates. The figures reported are peak and mean average in the previous 12 months.	30/09/2019	PeakDayAmountInPast12Months : HKD 86,327,163.03 MeanAverageOverPrevious12Months : HKD 1,533,130.02	4.4.6 - Actual largest aggregate credit exposure (in excess of collateral) under Cover 1+5 (including transactions cleared for indirect participants): - Peak day amount in the previous 12 months = HKD 100,409,746.81 - Mean average over the previous 12 months = HKD 1,659,115.92 4.4.6 - Participant groups (i.e., participant with its affiliates) are used to arrive the actual largest aggregate credit exposure (in excess of initial margin) to single participant and its affiliates. The figures reported are peak and mean average in the previous 12 months.
4.4	4.4.7	Credit Risk Disclosures	For each clearing service, the estimated largest aggregate stress loss (in excess of initial margin) that would be caused by the default of any two participants and their affiliates (including transactions cleared for indirect participants) in extreme but plausible market conditions; Peak day amount in the previous 12 months and mean average over the previous 12 months	31/12/2019	PeakDayAmountInPast12Months : HKD 4,068,562,046.83 MeanAverageOverPrevious12Months : HKD 1,412,594,642.14		30/09/2019	PeakDayAmountInPast12Months : HKD 4,068,562,046.83 MeanAverageOverPrevious12Months : HKD 1,440,563,103.18	
4.4	4.4.8	Credit Risk Disclosures	Number of business days, if any, on which the above amount (4.4.7) exceeded actual pre-funded default resources (in excess of initial margin) and by how much.	31/12/2019	0	4.4.8 - Actual pre-funded default resources include the HKEX Risk Management Capital which is shared amongst the 3 on-exchange clearing houses, namely HKSCC, HKCC and SEOCH. Hence, the number of days on which the amount exceeded actual pre-funded default resources (in excess of collateral) is calculated on an aggregated basis for these 3 on-exchange clearing houses.	30/09/2019	0	4.4.8 - Actual pre-funded default resources include the HKEX Risk Management Capital which is shared amongst the 3 on-exchange clearing houses, namely HKSCC, HKCC and SEOCH. Hence, the number of days on which the amount exceeded actual pre-funded default resources (in excess of collateral) is calculated on an aggregated basis for these 3 on-exchange clearing houses.
4.4	4.4.9	Credit Risk Disclosures	The amount in 4.4.7 which exceeded actual pre-funded default resources (in excess of initial margin)	31/12/2019	AmountExceeded : HKD 0.00		30/09/2019	AmountExceeded : HKD 0.00	
4.4	4.4.10	Credit Risk Disclosures	For each clearing service, what was the actual largest aggregate credit exposure (in excess of initial margin) to any two participants and their affiliates (including transactions cleared for indirect participants)? Description: PeakDayAmountInPrevious12Months; MeanAverageOverPrevious12Months	31/12/2019	PeakDayAmountInPast12Months : HKD182,152,470.34 MeanAverageOverPrevious12Months : HKD 2,743,394.39	4.4.10 - Participant groups (i.e., participant with its affiliates) are used to arrive the actual largest aggregate credit exposure (in excess of initial margin) to two participants and its affiliates. The figures reported are peak and mean average in the previous 12 months.	30/09/2019	PeakDayAmountInPast12Months : HKD125,492,601.93 MeanAverageOverPrevious12Months : HKD 2,173,682.08	4.4.10 - Participant groups (i.e., participant with its affiliates) are used to arrive the actual largest aggregate credit exposure (in excess of initial margin) to two participants and its affiliates. The figures reported are peak and mean average in the previous 12 months.
5.1	5.1.1	Assets eligible as initial margin, and the respective haircuts applied	Assets eligible as initial margin and the respective haircuts applied	31/12/2019	<a href="http://www.hkex.com.hk/Services/Clearing/Securities/Overview/Collateral-Management?sc_lang=en">http://www.hkex.com.hk/Services/Clearing/Securities/Overview/Collateral-Management?sc_lang=en</a>		30/09/2019	<a href="http://www.hkex.com.hk/Services/Clearing/Securities/Overview/Collateral-Management?sc_lang=en">http://www.hkex.com.hk/Services/Clearing/Securities/Overview/Collateral-Management?sc_lang=en</a>	
5.2	5.2.1	Assets Eligible for pre-funded participant contributions to the default resources, and the respective haircuts applied (if different from 5.1)	Assets Eligible for pre-funded participant contributions to the default resources, and the respective haircuts applied (if different from 5.1)	31/12/2019	Cash in HKD - no haircut applied		30/09/2019	Cash in HKD - no haircut applied	
5.3	5.3.1	Results of testing of haircuts	Confidence interval targeted through the calculation of haircuts	31/12/2019	99.00%		30/09/2019	99.00%	
5.3	5.3.2	Results of testing of haircuts	Assumed holding/liquidation period for the assets accepted	31/12/2019	1 day		30/09/2019	1 day	
5.3	5.3.3	Results of testing of haircuts	Look-back period used for testing the haircuts	31/12/2019	5 years		30/09/2019	5 years	
5.3	5.3.4	Results of testing of haircuts	Number of days during the look-back period on which the fall in value during the assumed holding/liquidation period exceeded the haircut on an asset.	31/12/2019	2		30/09/2019	2	
6.1	6.1.1	For each clearing service, total initial margin required, split by house and client (or combined total if not segregated)	Total initial margin required split by house, client gross, client net and total(if not segregated);  Shanghai-HK Connect Securities Trades: CNY 3,279,169,397.06;  Shenzhen-HK Connect Securities Trades: CNY 3,320,752,159.23	31/12/2019	Exchange Trades: HKD 4,221,487,623.07;  Shanghai-HK Connect Securities Trades: CNY 3,279,169,397.06;  Shenzhen-HK Connect Securities Trades: CNY 3,320,752,159.23		30/09/2019	Exchange Trades: HKD 2,299,159,204.75;  Shanghai-HK Connect Securities Trades: CNY 3,334,928,539.76;  Shenzhen-HK Connect Securities Trades: CNY 2,958,928,092.64	
6.2	6.2.1	For each clearing service, total initial margin held, split by house and client	Cash deposited at a central bank of issue of the currency concerned; Total split by House and Client;Pre-Haircut and Post Hair-cut	31/12/2019	TotalIM_PreHaircut : HKD 0.00 TotalIM_PostHaircut : HKD 0.00	6.2.1 to 6.2.15 - For HKSCC Clearing Participants, there is no separation of house and client accounts in Common Collateral Management System (CCMS), i.e., only one account for each Clearing Participant. Therefore, breakdown by house and client is not available. HKSCC currently does not accept non-cash collateral.	30/09/2019	TotalIM_PreHaircut : HKD 0.00 TotalIM_PostHaircut : HKD 0.00	6.2.1 to 6.2.15 - For HKSCC Clearing Participants, there is no separation of house and client accounts in Common Collateral Management System (CCMS), i.e., only one account for each Clearing Participant. Therefore, breakdown by house and client is not available. HKSCC currently does not accept non-cash collateral.

6.2	6.2.2	For each clearing service, total initial margin held, split by house and client	Cash deposited at other central banks; Total split by House and Client; Pre-Haircut and Post-Haircut	31/12/2019	TotalIM_PreHaircut : HKD 0.00 TotalIM_PostHaircut : HKD 0.00		30/09/2019	TotalIM_PreHaircut : HKD 0.00 TotalIM_PostHaircut : HKD 0.00	
6.2	6.2.3	For each clearing service, total initial margin held, split by house and client	Secured cash deposited at commercial banks (including reverse repo); Total split by House and Client; Pre-Haircut and Post-Haircut	31/12/2019	TotalIM_PreHaircut : HKD 0.00 TotalIM_PostHaircut : HKD 0.00		30/09/2019	TotalIM_PreHaircut : HKD 0.00 TotalIM_PostHaircut : HKD 0.00	
6.2	6.2.4	For each clearing service, total initial margin held, split by house and client	Unsecured cash deposited at commercial banks; Total split by House and Client; Pre-Haircut and Post Hair-cut	31/12/2019	TotalIM_PreHaircut : HKD6,851,000,000.00 TotalIM_PostHaircut : HKD6,851,000,000.00		30/09/2019	TotalIM_PreHaircut : HKD4,981,000,000.00 TotalIM_PostHaircut : HKD4,981,000,000.00	
6.2	6.2.5	For each clearing service, total initial margin held, split by house and client	Non-Cash Sovereign Government Bonds - Domestic; Total split by House and Client;Pre-Haircut and Post Hair-cut	31/12/2019	TotalIM_PreHaircut : HKD 0.00 TotalIM_PostHaircut : HKD 0.00		30/09/2019	TotalIM_PreHaircut : HKD 0.00 TotalIM_PostHaircut : HKD 0.00	
6.2	6.2.6	For each clearing service, total initial margin held, split by house and client	Non-Cash Sovereign Government Bonds - Other; Total split by House and Client;Pre-Haircut and Post Hair-cut	31/12/2019	TotalIM_PreHaircut : HKD 0.00 TotalIM_PostHaircut : HKD 0.00		30/09/2019	TotalIM_PreHaircut : HKD 0.00 TotalIM_PostHaircut : HKD 0.00	
6.2	6.2.7	For each clearing service, total initial margin held, split by house and client	Non-Cash Agency Bonds; Total split by House and Client;Pre-Haircut and Post Hair-cut	31/12/2019	TotalIM_PreHaircut : HKD 0.00 TotalIM_PostHaircut : HKD 0.00		30/09/2019	TotalIM_PreHaircut : HKD 0.00 TotalIM_PostHaircut : HKD 0.00	
6.2	6.2.8	For each clearing service, total initial margin held, split by house and client	Non-Cash State/municipal bonds; Total split by House and Client; Pre-Haircut and Post Hair-cut	31/12/2019	TotalIM_PreHaircut : HKD 0.00 TotalIM_PostHaircut : HKD 0.00		30/09/2019	TotalIM_PreHaircut : HKD 0.00 TotalIM_PostHaircut : HKD 0.00	
6.2	6.2.9	For each clearing service, total initial margin held, split by house and client	Non-Cash Corporate bonds; Total split by House and Client; Pre-Haircut and Post Hair-cut	31/12/2019	TotalIM_PreHaircut : HKD 0.00 TotalIM_PostHaircut : HKD 0.00		30/09/2019	TotalIM_PreHaircut : HKD 0.00 TotalIM_PostHaircut : HKD 0.00	
6.2	6.2.10	For each clearing service, total initial margin held, split by house and client	Non-Cash Equities; Description: HouseIM_PreHaircut, HouseIM_PostHaircut, ClientIM_PreHaircut, ClientIM_PostHaircut, TotalIM_PreHaircut, TotalIM_PostHaircut	31/12/2019	TotalIM_PreHaircut : HKD 0.00 TotalIM_PostHaircut : HKD 0.00		30/09/2019	TotalIM_PreHaircut : HKD 0.00 TotalIM_PostHaircut : HKD 0.00	
6.2	6.2.11	For each clearing service, total initial margin held, split by house and client	Non-Cash Commodities - Gold; Description: HouseIM_PreHaircut, HouseIM_PostHaircut, ClientIM_PreHaircut, ClientIM_PostHaircut, TotalIM_PreHaircut, TotalIM_PostHaircut	31/12/2019	TotalIM_PreHaircut : HKD 0.00 TotalIM_PostHaircut : HKD 0.00		30/09/2019	TotalIM_PreHaircut : HKD 0.00 TotalIM_PostHaircut : HKD 0.00	
6.2	6.2.12	For each clearing service, total initial margin held, split by house and client	Non-Cash Commodities - Other; Total split by House and Client; Pre-Haircut and Post Hair-cut	31/12/2019	TotalIM_PreHaircut : HKD 0.00 TotalIM_PostHaircut : HKD 0.00		30/09/2019	TotalIM_PreHaircut : HKD 0.00 TotalIM_PostHaircut : HKD 0.00	
6.2	6.2.13	For each clearing service, total initial margin held, split by house and client	Non-Cash - Mutual Funds / UCITS; Total split by House and Client; Pre-Haircut and Post Hair-cut	31/12/2019	TotalIM_PreHaircut : HKD 0.00 TotalIM_PostHaircut : HKD 0.00		30/09/2019	TotalIM_PreHaircut : HKD 0.00 TotalIM_PostHaircut : HKD 0.00	
6.2	6.2.14	For each clearing service, total initial margin held, split by house and client	Non-Cash - Other; Total split by House and Client; Pre-Haircut and Post Hair-cut	31/12/2019	TotalIM_Pre-haircut: HKD5,516,000,000.00 TotalIM_Post-haircut: HKD5,516,000,000.00		30/09/2019	TotalIM_Pre-haircut: HKD4,938,000,000.00 TotalIM_Post-haircut: HKD4,938,000,000.00	
6.2	6.2.15	For each clearing service, total initial margin held, split by house and client	For each clearing service, total initial margin held, split by house and client (if segregated).	31/12/2019	TotalIM_PreHaircut : Not applicable TotalIM_PostHaircut : Not applicable		30/09/2019	TotalIM_PreHaircut : Not applicable TotalIM_PostHaircut : Not applicable	
6.3	6.3.1	Initial Margin rates on individual contracts, where the CCP sets such rates	Initial Margin rates on individual contracts where the CCP sets such rates	31/12/2019	Exchange Trades: 1) 2012-11-05: 5.00% 2) 2013-04-10: 6.00% 3) 2013-10-02: 5.00% 4) 2014-06-26: 6.00% 5) 2015-04-24: 7.00% 6) 2015-07-10: 8.00% 7) 2015-11-02: 6.00% 8) 2015-12-01: 5.00% 9) 2016-01-04: 6.00% 10) 2018-02-15: 7.00% 11) 2018-09-04: 6.00%  Shanghai-HK Connect Securities Trades: 1) 2014-11-17 MSTD: 20% MSCD: 16.4%  Shenzhen-HK Connect Securities Trades: 1) 2015-12-05 MSTD: 20% MSCD: 18.5%		30/09/2019	Exchange Trades: 1) 2012-11-05: 5.00% 2) 2013-04-10: 6.00% 3) 2013-10-02: 5.00% 4) 2014-06-26: 6.00% 5) 2015-04-24: 7.00% 6) 2015-07-10: 8.00% 7) 2015-11-02: 6.00% 8) 2015-12-01: 5.00% 9) 2016-01-04: 6.00% 10) 2018-02-15: 7.00% 11) 2018-09-04: 6.00%  Shanghai-HK Connect Securities Trades: 1) 2014-11-17 MSTD: 20% MSCD: 16.4%  Shenzhen-HK Connect Securities Trades: 1) 2015-12-05 MSTD: 20% MSCD: 18.5%	
6.4	6.4.1	Type of initial margin model used (e.g. portfolio simulation or risk aggregation) for each clearing service and the key model design parameters for each initial margin model applied to that clearing service	Type of IM Model	31/12/2019	Exchange Trades: Exponentially Weighted Moving Average (EWMA);  Shanghai-HK Connect Securities Trades: Fixed Rates;  Shenzhen-HK Connect Securities Trades: Fixed Rates	30/09/2019	Exchange Trades: Exponentially Weighted Moving Average (EWMA);  Shanghai-HK Connect Securities Trades: Fixed Rates;  Shenzhen-HK Connect Securities Trades: Fixed Rates		
6.4	6.4.2	Type of initial margin model used (e.g. portfolio simulation or risk aggregation) for each clearing service and the key model design parameters for each initial margin model applied to that clearing service	Type of IM Model Change Effective Date	31/12/2019	Exchange Trades: 2012-11-05;  Shanghai-HK Connect Securities Trades: 2014-11-17;  Shenzhen-HK Connect Securities Trades: 2016-12-05	30/09/2019	Exchange Trades: 2012-11-05;  Shanghai-HK Connect Securities Trades: 2014-11-17;  Shenzhen-HK Connect Securities Trades: 2016-12-05		
6.4	6.4.3	Type of initial margin model used (e.g. portfolio simulation or risk aggregation) for each clearing service and the key model design parameters for each initial margin model applied to that clearing service	IM Model Name	31/12/2019	Exchange Trades: Exponentially Weighted Moving Average (EWMA);  Shanghai-HK Connect Securities Trades: Not applicable;  Shenzhen-HK Connect Securities Trades: Not applicable	30/09/2019	Exchange Trades: Exponentially Weighted Moving Average (EWMA);  Shanghai-HK Connect Securities Trades: Not applicable;  Shenzhen-HK Connect Securities Trades: Not applicable		

6.4	6.4.4	Type of initial margin model used (e.g. portfolio simulation or risk aggregation) for each clearing service and the key model design parameters for each initial margin model applied to that clearing service	IM Model Name Change Effective Date	31/12/2019	Exchange Trades: 2012-11-05;  Shanghai-HK Connect Securities Trades: 2014-11-17;  Shenzhen-HK Connect Securities Trades: 2016-12-05		30/09/2019	Exchange Trades: 2012-11-05;  Shanghai-HK Connect Securities Trades: 2014-11-17;  Shenzhen-HK Connect Securities Trades: 2016-12-05	
6.4	6.4.5	Type of initial margin model used (e.g. portfolio simulation or risk aggregation) for each clearing service and the key model design parameters for each initial margin model applied to that clearing service	Single Tailed Confidence Level	31/12/2019	Exchange Trades: 99.87%;  Shanghai-HK Connect Securities Trades: Not applicable;  Shenzhen-HK Connect Securities Trades: Not applicable		30/09/2019	Exchange Trades: 99.87%;  Shanghai-HK Connect Securities Trades: Not applicable;  Shenzhen-HK Connect Securities Trades: Not applicable	
6.4	6.4.6	Type of initial margin model used (e.g. portfolio simulation or risk aggregation) for each clearing service and the key model design parameters for each initial margin model applied to that clearing service	Single Tailed Confidence Level Change Effective Date	31/12/2019	Exchange Trades: 2012-11-05;  Shanghai-HK Connect Securities Trades: Not applicable;  Shenzhen-HK Connect Securities Trades: Not applicable		30/09/2019	Exchange Trades: 2012-11-05;  Shanghai-HK Connect Securities Trades: Not applicable;  Shenzhen-HK Connect Securities Trades: Not applicable	
6.4	6.4.7	Type of initial margin model used (e.g. portfolio simulation or risk aggregation) for each clearing service and the key model design parameters for each initial margin model applied to that clearing service	Look Back Period	31/12/2019	Exchange Trades: 90 days;  Shanghai-HK Connect Securities Trades: Not applicable;  Shenzhen-HK Connect Securities Trades: Not applicable		30/09/2019	Exchange Trades: 90 days;  Shanghai-HK Connect Securities Trades: Not applicable;  Shenzhen-HK Connect Securities Trades: Not applicable	
6.4	6.4.8	Type of initial margin model used (e.g. portfolio simulation or risk aggregation) for each clearing service and the key model design parameters for each initial margin model applied to that clearing service	Look Back Period Change Effective Date	31/12/2019	Exchange Trades: 2012-11-05;  Shanghai-HK Connect Securities Trades: Not applicable;  Shenzhen-HK Connect Securities Trades: Not applicable		30/09/2019	Exchange Trades: 2012-11-05;  Shanghai-HK Connect Securities Trades: Not applicable;  Shenzhen-HK Connect Securities Trades: Not applicable	
6.4	6.4.9	Type of initial margin model used (e.g. portfolio simulation or risk aggregation) for each clearing service and the key model design parameters for each initial margin model applied to that clearing service	Adjustments	31/12/2019	Exchange Trades: lambda = 0.96;  Shanghai-HK Connect Securities Trades: Nil;  Shenzhen-HK Connect Securities Trades: Nil		30/09/2019	Exchange Trades: lambda = 0.96;  Shanghai-HK Connect Securities Trades: Nil;  Shenzhen-HK Connect Securities Trades: Nil	
6.4	6.4.10	Type of initial margin model used (e.g. portfolio simulation or risk aggregation) for each clearing service and the key model design parameters for each initial margin model applied to that clearing service	Adjustments Change Effective Date	31/12/2019	Exchange Trades: 2012-11-05;  Shanghai-HK Connect Securities Trades: Not applicable;  Shenzhen-HK Connect Securities Trades: Not applicable		30/09/2019	Exchange Trades: 2012-11-05;  Shanghai-HK Connect Securities Trades: Not applicable;  Shenzhen-HK Connect Securities Trades: Not applicable	
6.4	6.4.11	Type of initial margin model used (e.g. portfolio simulation or risk aggregation) for each clearing service and the key model design parameters for each initial margin model applied to that clearing service	Close Out Period (days)	31/12/2019	1		30/09/2019	1	
6.4	6.4.12	Type of initial margin model used (e.g. portfolio simulation or risk aggregation) for each clearing service and the key model design parameters for each initial margin model applied to that clearing service	Close out period change Effective Date	31/12/2019	Exchange Trades: 2012-11-05;  Shanghai-HK Connect Securities Trades: 2014-11-17;  Shenzhen-HK Connect Securities Trades: 2016-12-05		30/09/2019	Exchange Trades: 2012-11-05;  Shanghai-HK Connect Securities Trades: 2014-11-17;  Shenzhen-HK Connect Securities Trades: 2016-12-05	
6.4	6.4.13	Type of initial margin model used (e.g. portfolio simulation or risk aggregation) for each clearing service and the key model design parameters for each initial margin model applied to that clearing service	IM Rates Link	31/12/2019	Exchange Trades: <a href="http://www.hkex.com.hk/Services/Clearing/Securities/Risk-Management/Margin?sc_lang=en">http://www.hkex.com.hk/Services/Clearing/Securities/Risk-Management/Margin?sc_lang=en</a>  Shanghai-HK Connect Securities Trades <a href="http://www.hkex.com.hk/Services/Clearing/Securities/Risk-Management/Risk-Management-of-CNS-Trades-in-China-Connect-Market?sc_lang=en">http://www.hkex.com.hk/Services/Clearing/Securities/Risk-Management/Risk-Management-of-CNS-Trades-in-China-Connect-Market?sc_lang=en</a>  Shenzhen-HK Connect Securities Trades <a href="http://www.hkex.com.hk/Services/Clearing/Securities/Risk-Management/Risk-Management-of-CNS-Trades-in-China-Connect-Market?sc_lang=en">http://www.hkex.com.hk/Services/Clearing/Securities/Risk-Management/Risk-Management-of-CNS-Trades-in-China-Connect-Market?sc_lang=en</a>		30/09/2019	Exchange Trades: <a href="http://www.hkex.com.hk/Services/Clearing/Securities/Risk-Management/Margin?sc_lang=en">http://www.hkex.com.hk/Services/Clearing/Securities/Risk-Management/Margin?sc_lang=en</a>  Shanghai-HK Connect Securities Trades <a href="http://www.hkex.com.hk/Services/Clearing/Securities/Risk-Management/Risk-Management-of-CNS-Trades-in-China-Connect-Market?sc_lang=en">http://www.hkex.com.hk/Services/Clearing/Securities/Risk-Management/Risk-Management-of-CNS-Trades-in-China-Connect-Market?sc_lang=en</a>  Shenzhen-HK Connect Securities Trades <a href="http://www.hkex.com.hk/Services/Clearing/Securities/Risk-Management/Risk-Management-of-CNS-Trades-in-China-Connect-Market?sc_lang=en">http://www.hkex.com.hk/Services/Clearing/Securities/Risk-Management/Risk-Management-of-CNS-Trades-in-China-Connect-Market?sc_lang=en</a>	
6.4	6.4.14	Type of initial margin model used (e.g. portfolio simulation or risk aggregation) for each clearing service and the key model design parameters for each initial margin model applied to that clearing service	Frequency of Parameter Review	31/12/2019	Exchange Trades: 1) monthly 2) ad-hoc  Shanghai-HK Connect Securities Trades: ad-hoc  Shenzhen-HK Connect Securities Trades: ad-hoc		30/09/2019	Exchange Trades: 1) monthly 2) ad-hoc  Shanghai-HK Connect Securities Trades: ad-hoc  Shenzhen-HK Connect Securities Trades: ad-hoc	
6.4	6.4.15	Type of initial margin model used (e.g. portfolio simulation or risk aggregation) for each clearing service and the key model design parameters for each initial margin model applied to that clearing service	Frequency of Parameter Review Change Effective Date	31/12/2019	Exchange Trades: 2012-11-05;  Shanghai-HK Connect Securities Trades: 2014-11-17;  Shenzhen-HK Connect Securities Trades: 2016-12-05		30/09/2019	Exchange Trades: 2012-11-05;  Shanghai-HK Connect Securities Trades: 2014-11-17;  Shenzhen-HK Connect Securities Trades: 2016-12-05	
6.5	6.5.1.1	Results of back-testing of initial margin. At a minimum, this should include, for each clearing service and each initial margin model applied to that clearing service	Number of times over the past twelve months that margin coverage held against any account fell below the actual marked-to-market exposure of that member account	31/12/2019	Exchange Trades: 928;  Shanghai-HK Stock Connect Securities Trades: 0 Shenzhen-HK Stock Connect Securities Trades: 0		30/09/2019	Exchange Trades: 1,005;  Shanghai-HK Stock Connect Securities Trades: 0 Shenzhen-HK Stock Connect Securities Trades: 0	



6.5	6.5.1.2	Specify if measured intraday/continuously or only once a day. If once a day, specify at what time of day.	Frequency of daily back-testing result measurements.	31/12/2019	Day-end		30/09/2019	Day-end	
6.5	6.5.1.3	Specify if measured intraday/continuously or only once a day. If once a day, specify at what time of day.	Time of daily back-testing result if measured once a day.	31/12/2019	Day-end		30/09/2019	Day-end	
6.5	6.5.2	Results of back-testing of initial margin. At a minimum, this should include, for each clearing service and each initial margin model applied to that clearing service	Number of observations	31/12/2019	Exchange Trades: 136,311;  Shanghai-HK Connect Securities Trades: 20,398  Shenzhen-HK Connect Securities Trades: 19,739		30/09/2019	Exchange Trades: 135,843;  Shanghai-HK Connect Securities Trades: 19,700  Shenzhen-HK Connect Securities Trades: 18,878	
6.5	6.5.3	Results of back-testing of initial margin. At a minimum, this should include, for each clearing service and each initial margin model applied to that clearing service	Achieved coverage level	31/12/2019	Exchange Trades: 99.32%;  Shanghai-HK Connect Securities Trades:100.00%  Shenzhen-HK Connect Securities Trades: 100.00%		30/09/2019	Exchange Trades: 99.26%;  Shanghai-HK Connect Securities Trades:100.00%  Shenzhen-HK Connect Securities Trades: 100.00%	
6.5	6.5.4	Results of back-testing of initial margin. At a minimum, this should include, for each clearing service and each initial margin model applied to that clearing service	Where breaches of initial margin coverage (as defined in 6.5(a)) have occurred, report on size of uncovered exposure; Peak size	31/12/2019	Exchange Trades: HKD 113,348,953.80;  Shanghai-HK Connect Securities Trades: 0  Shenzhen-HK Connect Securities Trades: 0		30/09/2019	Exchange Trades: HKD 86,327,163.03;  Shanghai-HK Connect Securities Trades: 0  Shenzhen-HK Connect Securities Trades: 0	
6.5	6.5.5	Results of back-testing of initial margin. At a minimum, this should include, for each clearing service and each initial margin model applied to that clearing service	Where breaches of initial margin coverage (as defined in 6.5(a)) have occurred, report on size of uncovered exposure; Average Size	31/12/2019	Exchange Trades: HKD 1,044,137.56;  Shanghai-HK Connect Securities Trades: 0  Shenzhen-HK Connect Securities Trades: 0		30/09/2019	Exchange Trades: HKD 755,098.73;  Shanghai-HK Connect Securities Trades: 0  Shenzhen-HK Connect Securities Trades: 0	
6.6	6.6.1	Average Total Variation Margin Paid to the CCP by participants each business	Average Total Variation Margin Paid to the CCP by participants each business	31/12/2019	Exchange Trades: HKD 26,045,933.03;  Shanghai-HK Connect Securities Trades: Not applicable;  Shenzhen-HK Connect Securities Trades: Not applicable		30/09/2019	Exchange Trades: HKD 22,612,247.02;  Shanghai-HK Connect Securities Trades: Not applicable;  Shenzhen-HK Connect Securities Trades: Not applicable	
6.7	6.7.1	Maximum total variation margin paid to the CCP on any given business day over the period	Maximum total variation margin paid to the CCP on any given business day over the period	31/12/2019	Exchange Trades: HKD 236,546,549.35;  Shanghai-HK Securities Trades: Not applicable;  Shenzhen-HK Securities Trades: Not applicable		30/09/2019	Exchange Trades: HKD 164,959,787.75;  Shanghai-HK Securities Trades: Not applicable;  Shenzhen-HK Securities Trades: Not applicable	
6.8	6.8.1	Maximum aggregate initial margin call on any given business day over the period	Maximum aggregate initial margin call on any given business day over the period	31/12/2019	Exchange Trades: HKD 2,573,581,254.39;  Shanghai-HK Connect Securities Trades: CNY 6,196,586,680.12;  Shenzhen-HK Connect Securities Trades: CNY 4,848,378,553.68		30/09/2019	Exchange Trades: HKD 2,352,732,110.10;  Shanghai-HK Connect Securities Trades: CNY 3,727,298,084.26;  Shenzhen-HK Connect Securities Trades: CNY 1,995,984,743.19	
7.1	7.1.1	Liquidity Risk	State whether the clearing service maintains sufficient liquid resources to "Cover 1" or "Cover 2".	31/12/2019	Cover 1 across HKSCC, HKCC and SEOCH	7.1.1 - HKEK maintains sufficient liquid resources for the "Cover 1" across HKSCC, HKCC and SEOCH.	30/09/2019	Cover 1 across HKSCC, HKCC and SEOCH	7.1.1 - HKEK maintains sufficient liquid resources for the "Cover 1" across HKSCC, HKCC and SEOCH.
7.1	7.1.2	Liquidity Risk	Size and composition of qualifying liquid resources for each clearing service; (a) Cash deposited at a central bank of issue of the currency concerned	31/12/2019	SizeAndCompositionOfQualifyingLiquidResources : Not applicable		30/09/2019	SizeAndCompositionOfQualifyingLiquidResources : Not applicable	
7.1	7.1.3	Liquidity Risk	Size and composition of qualifying liquid resources for each clearing service; (b) Cash deposited at other central banks	31/12/2019	SizeAndCompositionOfQualifyingLiquidResources : Not applicable		30/09/2019	SizeAndCompositionOfQualifyingLiquidResources : Not applicable	
7.1	7.1.4	Liquidity Risk	Size and composition of qualifying liquid resources for each clearing service; (c) Secured cash deposited at commercial banks (including reverse repo)	31/12/2019	SizeAndCompositionOfQualifyingLiquidResources : Not applicable		30/09/2019	SizeAndCompositionOfQualifyingLiquidResources : Not applicable	
7.1	7.1.5	Liquidity Risk	Size and composition of qualifying liquid resources for each clearing service; (d) Unsecured cash deposited at commercial banks	31/12/2019	SizeAndCompositionOfQualifyingLiquidResources : HKD2,280,000,000.00	7.1.5 - Separately, HKEK Group Corporate Funds of HKD2,347 million in liquid resources is used to provide liquidity support to HKSCC, HKCC and SEOCH.	30/09/2019	SizeAndCompositionOfQualifyingLiquidResources : HKD3,016,000,000.00	7.1.5 - Separately, HKEK Group Corporate Funds of HKD6,087 million in liquid resources is used to provide liquidity support to HKSCC, HKCC and SEOCH.
7.1	7.1.6	Liquidity Risk	Size and composition of qualifying liquid resources for each clearing service; (e) secured committed lines of credit (ie those for which collateral/security will be provided by the CCP if drawn) including committed foreign exchange swaps and committed repos	31/12/2019	SizeAndCompositionOfQualifyingLiquidResources : Not applicable	7.1.6 to 7.1.9 (except for 7.1.7) - HKSCC does not hold qualifying liquid resources in these composition types.  7.1.7 - HKEK has arranged a total of HKD10 billion unsecured committed credit facilities with options to draw down on the same day in different currencies, namely HKD, USD and CNY from selected liquidity providers, for HKSCC, HKCC, SEOCH, OTCC and HKEK.	30/09/2019	SizeAndCompositionOfQualifyingLiquidResources : Not applicable	7.1.6 to 7.1.9 (except for 7.1.7) - HKSCC does not hold qualifying liquid resources in these composition types.  7.1.7 - HKEK has arranged a total of HKD10 billion unsecured committed credit facilities with options to draw down on the same day in different currencies, namely HKD, USD and CNY from selected liquidity providers, for HKSCC, HKCC, SEOCH, OTCC and HKEK.
7.1	7.1.7	Liquidity Risk	Size and composition of qualifying liquid resources for each clearing service; (f) unsecured committed lines of credit (ie which the CCP may draw without providing collateral/security)	31/12/2019	Please refer to "Notes"		30/09/2019	Please refer to "Notes"	
7.1	7.1.8	Liquidity Risk	Size and composition of qualifying liquid resources for each clearing service; (g) highly marketable collateral held in custody and investments that are readily available and convertible into cash with prearranged and highly reliable funding arrangements even in extreme but plausible market conditions	31/12/2019	SizeAndCompositionOfQualifyingLiquidResources : Not applicable		30/09/2019	SizeAndCompositionOfQualifyingLiquidResources : Not applicable	
7.1	7.1.9	Liquidity Risk	Size and composition of qualifying liquid resources for each clearing service; (h) other	31/12/2019	SizeAndCompositionOfQualifyingLiquidResources : Not applicable		30/09/2019	SizeAndCompositionOfQualifyingLiquidResources : Not applicable	

7.1	7.1.10	Liquidity Risk	State whether the CCP has routine access to central bank liquidity or facilities.	31/12/2019	No		30/09/2019	No	
7.1	7.1.11	Liquidity Risk	Details regarding the schedule of payments or priority for allocating payments, if such exists, and any applicable rule, policy, procedure, and governance arrangement around such decision making.	31/12/2019	In using qualifying liquid resources, HKEX would apply the liquid resources to meet the most urgent payment obligations of its subsidiaries (i.e. its 3 on-exchange clearing houses). In the event that the timing of the payment obligations occur concurrently, HKEX would apply the liquid resources on a pro-rata basis to meet the payment obligations.		30/09/2019	In using qualifying liquid resources, HKEX would apply the liquid resources to meet the most urgent payment obligations of its subsidiaries (i.e. its 3 on-exchange clearing houses). In the event that the timing of the payment obligations occur concurrently, HKEX would apply the liquid resources on a pro-rata basis to meet the payment obligations.	
7.2	7.2.1	Size and composition of any supplementary liquidity risk resources for each clearing service above those qualifying liquid resources above.	Size and composition of any supplementary liquidity risk resources for each clearing service above those qualifying liquid resources in 7.1	31/12/2019	HK\$0.00		30/09/2019	HK\$0.00	
7.3	7.3.1	Liquidity Risk	Estimated largest same-day and, where relevant, intraday and multiday payment obligation in total that would be caused by the default of any single participant and its affiliates (including transactions cleared for indirect participants) in extreme but plausible market conditions; Forward looking measure reported quarterly	31/12/2019	SameDayPayment_Total : HKD 8,584,446,806.45 MultiDayPayment_Total : HKD 11,616,989,757.85	7.3 - Figures are calculated on an aggregated basis of 3 on-exchange clearing houses, HKSCC, HKCC and SEOCH.  7.3.1 - Only same-day and multiday scenarios are applicable to HKSCC, HKCC and SEOCH.	30/09/2019	SameDayPayment_Total : HKD 12,459,184,848.62 MultiDayPayment_Total : HKD 16,714,470,795.23	7.3 - Figures are calculated on an aggregated basis of 3 on-exchange clearing houses, HKSCC, HKCC and SEOCH.  7.3.1 - Only same-day and multiday scenarios are applicable to HKSCC, HKCC and SEOCH.
7.3	7.3.2	Liquidity Risk	Report the number of business days, if any, on which the above amount exceeded its qualifying liquid resources (identified as in 7.1, and available at the point the breach occurred), and by how much.; No. of days in quarter	31/12/2019	0		30/09/2019	0	
7.3	7.3.3	Liquidity Risk	Number of business days, if any, on which the above amount exceeded its qualifying liquid resources (identified as in 7.1, and available at the point the breach occurred), and by how much; Amount of excess on each day	31/12/2019	AmountExceeded1 : Nil	7.3.3 - No business day with amount exceeded its qualifying liquid resources.	30/09/2019	AmountExceeded1 : Nil	7.3.3 - No business day with amount exceeded its qualifying liquid resources.
7.3	7.3.4	Liquidity Risk	Actual largest intraday and multiday payment obligation of a single participant and its affiliates (including transactions cleared for indirect participants) over the past twelve months; Peak day amount in previous twelve months	31/12/2019	SameDayPayment_Total : HKD 12,459,184,848.62 MultiDayPayment_Total : HKD 16,583,036,554.21		30/09/2019	SameDayPayment_Total : HKD 12,459,184,848.62 MultiDayPayment_Total : HKD 16,583,036,554.21	
7.3	7.3.5	Liquidity Risk	Estimated largest same-day and, where relevant, intraday and multiday payment obligation in each relevant currency that would be caused by the default of any single participant and its affiliates (including transactions cleared for indirect participants) in extreme but plausible market conditions; Forward looking measure reported quarterly	31/12/2019	SameDayPayment_Total : Not available MultiDayPayment_Total : Not available	7.3.5 - Only same-day and multiday scenarios are applicable to HKSCC, HKCC and SEOCH.  7.3.5 to 7.3.7 - Products cleared by HKSCC, HKCC and SEOCH are denominated in 3 different currencies (HKD, CNY and USD). Since the major financial resource, committed bank facilities in an amount of 10 billion in HKD equivalent, can be drawn in HKD, CNY and USD on the same day to cover liquidity requirement of respective currency, calculation of days with exceedances by currency is not available.	30/09/2019	SameDayPayment_Total : Not available MultiDayPayment_Total : Not available	7.3.5 - Only same-day and multiday scenarios are applicable to HKSCC, HKCC and SEOCH.  7.3.5 to 7.3.7 - Products cleared by HKSCC, HKCC and SEOCH are denominated in 3 different currencies (HKD, CNY and USD). Since the major financial resource, committed bank facilities in an amount of 10 billion in HKD equivalent, can be drawn in HKD, CNY and USD on the same day to cover liquidity requirement of respective currency, calculation of days with exceedances by currency is not available.
7.3	7.3.6	Liquidity Risk	Number of business days, if any, on which the above amounts exceeded its qualifying liquid resources in each relevant currency (as identified in 7.1 and available at the point the breach occurred), and by how much	31/12/2019	NumberOfDays_HKD : Not available		30/09/2019	NumberOfDays_HKD : Not available	
7.3	7.3.7	Liquidity Risk	Report the number of business days, if any, on which the above amounts exceeded its qualifying liquid resources in each relevant currency (as identified in 7.1 and available at the point the breach occurred), and by how much; Amount of excess on each day	31/12/2019	AmountExceeded1 : Not available		30/09/2019	AmountExceeded1 : Not available	
12.1	12.1.1	Percentage of settlements by value effected using a DvP, DvD or Pvp settlement mechanism	Percentage of settlements by value effected using a DvP settlement mechanism	31/12/2019	100.00%		30/09/2019	100.00%	
12.1	12.1.2	Percentage of settlements by value effected using a DvP, DvD or Pvp settlement mechanism	Percentage of settlements by value effected using a DvD settlement mechanism	31/12/2019	Not applicable	12.1.2, 12.1.3, 12.2.2 and 12.2.3 - Settlement using DvD or Pvp settlement mechanism are not applicable to HKSCC.	30/09/2019	Not applicable	12.1.2, 12.1.3, 12.2.2 and 12.2.3 - Settlement using DvD or Pvp settlement mechanism are not applicable to HKSCC.
12.1	12.1.3	Percentage of settlements by value effected using a DvP, DvD or Pvp settlement mechanism	Percentage of settlements by value effected using a Pvp settlement mechanism	31/12/2019	Not applicable	12.1.2, 12.1.3, 12.2.2 and 12.2.3 - Settlement using DvD or Pvp settlement mechanism are not applicable to HKSCC.	30/09/2019	Not applicable	12.1.2, 12.1.3, 12.2.2 and 12.2.3 - Settlement using DvD or Pvp settlement mechanism are not applicable to HKSCC.
12.2	12.2.1	Percentage of settlements by volume effected using a DvP, DvD or Pvp settlement mechanism	Percentage of settlements by volume effected using a DvP settlement mechanism	31/12/2019	100.00%		30/09/2019	100.00%	
12.2	12.2.2	Percentage of settlements by volume effected using a DvP, DvD or Pvp settlement mechanism	Percentage of settlements by volume effected using a DvD settlement mechanism	31/12/2019	Not applicable	12.1.2, 12.1.3, 12.2.2 and 12.2.3 - Settlement using DvD or Pvp settlement mechanism are not applicable to HKSCC.	30/09/2019	Not applicable	12.1.2, 12.1.3, 12.2.2 and 12.2.3 - Settlement using DvD or Pvp settlement mechanism are not applicable to HKSCC.
12.2	12.2.3	Percentage of settlements by volume effected using a DvP, DvD or Pvp settlement mechanism	Percentage of settlements by volume effected using a Pvp settlement mechanism	31/12/2019	Not applicable	12.1.2, 12.1.3, 12.2.2 and 12.2.3 - Settlement using DvD or Pvp settlement mechanism are not applicable to HKSCC.	30/09/2019	Not applicable	12.1.2, 12.1.3, 12.2.2 and 12.2.3 - Settlement using DvD or Pvp settlement mechanism are not applicable to HKSCC.
13.1	13.1.1	Quantitative information related to defaults	Quantitative information related to defaults; Amount of loss versus amount of initial margin	31/12/2019	Not applicable	13.1.1, 13.1.2, 13.1.3.1, 13.1.3.2, 13.1.4 - No Clearing Participant default occurred in the reporting period. References to default cases occurring before 2015 can be found in the HKEX Annual Report.	30/09/2019	Not applicable	13.1.1, 13.1.2, 13.1.3.1, 13.1.3.2, 13.1.4 - No Clearing Participant default occurred in the reporting period. References to default cases occurring before 2015 can be found in the HKEX Annual Report.
13.1	13.1.2	Quantitative information related to defaults	Quantitative information related to defaults; Amount of other financial resources used to cover losses	31/12/2019	Not applicable		30/09/2019	Not applicable	
13.1	13.1.3.1	Quantitative information related to defaults	Quantitative information related to defaults; Proportion of client positions closed-out	31/12/2019	Not applicable		30/09/2019	Not applicable	
13.1	13.1.3.2	Quantitative information related to defaults	Quantitative information related to defaults; Proportion of client positions ported	31/12/2019	Not applicable		30/09/2019	Not applicable	

13.1	13.1.4	Quantitative information related to defaults	Quantitative information related to defaults; Appropriate references to other published material related to the defaults	31/12/2019	Not applicable		30/09/2019	Not applicable	
14.1	14.1.1	Total Client Positions held as a share of notional values cleared or of the settlement value of securities transactions	Total Client Positions held in individually segregated accounts	31/12/2019	Not applicable	14.1.1 to 14.1.4 - There is no separation of house and client accounts in HKSCC.	30/09/2019	Not applicable	14.1.1 to 14.1.4 - There is no separation of house and client accounts in HKSCC.
14.1	14.1.2	Total Client Positions held as a share of notional values cleared or of the settlement value of securities transactions	Total Client Positions held in omnibus client-only accounts, other than LSOC accounts	31/12/2019	Not applicable		30/09/2019	Not applicable	
14.1	14.1.3	Total Client Positions held as a share of notional values cleared or of the settlement value of securities transactions	Total Client Positions held in legally segregated but operationally comingled (LSOC) accounts	31/12/2019	Not applicable		30/09/2019	Not applicable	
14.1	14.1.4	Total Client Positions held as a share of notional values cleared or of the settlement value of securities transactions	Total Client Positions held in comingled house and client accounts	31/12/2019	Not applicable		30/09/2019	Not applicable	
15.1	15.1.1	General business risk	Value of liquid net assets funded by equity	31/12/2019	HKD2,261,000,000.00		31/12/2018	HKD1,538,000,000.00	
15.1	15.1.2	General business risk	Six months of current operating expenses	31/12/2019	HKD510,000,000.00		31/12/2018	HKD468,000,000.00	
15.2	15.2.1	General business risk; Financial Disclosures	Total Revenue	31/12/2019	HKD3,619,000,000.00		31/12/2018	HKD3,662,000,000.00	
15.2	15.2.2	General business risk; Financial Disclosures	Total Expenditure	31/12/2019	HKD930,000,000.00		31/12/2018	HKD828,000,000.00	
15.2	15.2.3	General business risk; Financial Disclosures	Profits	31/12/2019	HKD2,391,000,000.00		31/12/2018	HKD2,448,000,000.00	
15.2	15.2.4	General business risk; Financial Disclosures	Total Assets	31/12/2019	HKD38,408,000,000.00		31/12/2018	HKD29,395,000,000.00	
15.2	15.2.5	General business risk; Financial Disclosures	Total Liabilities	31/12/2019	HKD35,471,000,000.00		31/12/2018	HKD26,753,000,000.00	
15.2	15.2.6	General business risk; Financial Disclosures	Explain if collateral posted by clearing participants is held on or off the CCP's balance sheet	31/12/2019	Cash collateral is held on the balance sheet. Non-cash collateral is held off the balance sheet.		31/12/2018	Cash collateral is held on the balance sheet. Non-cash collateral is held off the balance sheet.	
15.2	15.2.7	General business risk; Financial Disclosures	Additional items as necessary	31/12/2019	Nil		31/12/2018	Nil	
15.3	15.3.1	General business risk; Income breakdown	Percentage of total income that comes from fees related to provision of clearing services	31/12/2019	67.82%		31/12/2018	71.11%	
15.3	15.3.2	General business risk; Income breakdown	Percentage of total income that comes from the reinvestment (or rehypothecation) of assets provided by clearing participants	31/12/2019	1.88%		31/12/2018	1.19%	
16.1	16.1.1	Total cash (but not securities) received from participants, regardless of the form in which it is held, deposited or invested, split by whether it was received as initial margin or default fund contribution	Total cash (but not securities) received from participants, regardless of the form in which it is held, deposited or invested, received as initial margin	31/12/2019	HKD12,367,000,000.00		30/09/2019	HKD9,551,000,000.00	
16.1	16.1.2	Total cash (but not securities) received from participants, regardless of the form in which it is held, deposited or invested, split by whether it was received as initial margin or default fund contribution	Total cash (but not securities) received from participants, regardless of the form in which it is held, deposited or invested, received as default fund contribution	31/12/2019	HKD2,111,000,000.00		30/09/2019	HKD2,851,000,000.00	
16.2	16.2.1	How total cash received from participants (16.1) is held/deposited/invested, including;	Percentage of total participant cash held as cash deposits (including through reverse repo)	31/12/2019	61.90%		30/09/2019	61.33%	
16.2	16.2.2	How total cash received from participants (16.1) is held/deposited/invested, including;	Percentage of total participant cash held as cash deposits (including through reverse repo); as cash deposits at central banks of issue of the currency deposited	31/12/2019	Not applicable		30/09/2019	Not applicable	
16.2	16.2.3	How total cash received from participants (16.1) is held/deposited/invested, including;	Percentage of total participant cash held as cash deposits (including through reverse repo); as cash deposits at other central banks	31/12/2019	Not applicable		30/09/2019	Not applicable	
16.2	16.2.4	How total cash received from participants (16.1) is held/deposited/invested, including;	Percentage of total participant cash held as cash deposits (including through reverse repo); as cash deposits at commercial banks (Secured, including through reverse repo)	31/12/2019	0.00%		30/09/2019	0.00%	
16.2	16.2.5	How total cash received from participants (16.1) is held/deposited/invested, including;	Percentage of total participant cash held as cash deposits (including through reverse repo); as cash deposits at commercial banks (Unsecured)	31/12/2019	61.90%		30/09/2019	61.33%	
16.2	16.2.6	How total cash received from participants (16.1) is held/deposited/invested, including;	Percentage of total participant cash held as cash deposits (including through reverse repo); in money market funds	31/12/2019	0.00%		30/09/2019	0.00%	
16.2	16.2.7	How total cash received from participants (16.1) is held/deposited/invested, including;	Percentage of total participant cash held as cash deposits (including through reverse repo); in other forms	31/12/2019	38.10%		30/09/2019	38.67%	
16.2	16.2.8	How total cash received from participants (16.1) is held/deposited/invested, including;	Percentage of total participant cash held as cash deposits (including through reverse repo); percentage split by currency of these cash deposits (including reverse repo) and money market funds by CCY; Specify local currency in comments	31/12/2019	Percentage_HKD : 46.31% Percentage_RMB : 15.59%		30/09/2019	Percentage_HKD : 44.74% Percentage_RMB : 16.59%	
16.2	16.2.9	How total cash received from participants (16.1) is held/deposited/invested, including;	Percentage of total participant cash held as cash deposits (including through reverse repo); weighted average maturity of these cash deposits (including reverse repo) and money market funds	31/12/2019	0.02 year		30/09/2019	0.02 year	



16.2	16.2.10	How total cash received from participants (16.1) is held/deposited/invested, including;	Percentage of total participant cash invested in securities; Domestic sovereign government bonds	31/12/2019	0.00%		30/09/2019	0.00%	
16.2	16.2.11	How total cash received from participants (16.1) is held/deposited/invested, including;	Percentage of total participant cash invested in securities; Other sovereign government bonds	31/12/2019	0.00%		30/09/2019	0.00%	
16.2	16.2.12	How total cash received from participants (16.1) is held/deposited/invested, including;	Percentage of total participant cash invested in securities; Agency Bonds	31/12/2019	0.00%		30/09/2019	0.00%	
16.2	16.2.13	How total cash received from participants (16.1) is held/deposited/invested, including;	Percentage of total participant cash invested in securities; State/municipal bonds	31/12/2019	0.00%		30/09/2019	0.00%	
16.2	16.2.14	How total cash received from participants (16.1) is held/deposited/invested, including;	Percentage of total participant cash invested in securities; Other instruments	31/12/2019	0.00%		30/09/2019	0.00%	
16.2	16.2.15	How total cash received from participants (16.1) is held/deposited/invested, including;	Percentage of total participant cash invested in securities; percentage split by currency of these securities; Specify local currency in comments;	31/12/2019	Percentage_HKD : 0.00% Percentage_RMB : 0.00%		30/09/2019	Percentage_HKD : 0.00% Percentage_RMB : 0.00%	
16.2	16.2.16	How total cash received from participants (16.1) is held/deposited/invested, including;	Weighted average maturity of securities	31/12/2019	0.0 year		30/09/2019	0.0 year	
16.2	16.2.17	How total cash received from participants (16.1) is held/deposited/invested, including;	Provide an estimate of the risk on the investment portfolio (excluding central bank and commercial bank deposits) (99% one-day VaR, or equivalent)	31/12/2019	0		30/09/2019	0	
16.2	16.2.18	How total cash received from participants (16.1) is held/deposited/invested, including;	State if the CCP investment policy sets a limit on the proportion of the investment portfolio that may be allocated to a single counterparty, and the size of that limit.	31/12/2019	A cap is set on the total amount of margin funds, default funds and corporate funds of HKEx Group that can be deposited with any one of its counterparties. Under the new Credit Limit Framework for Settlement and Investment (Credit Limit Framework), investment exposure in HSBC & BOCHK, the concentration limit is 50% of last year-end audited HKEX shareholders' equity. Investment exposure in all other single name counterparty limit using credit rating based laddered approach, ranges from 5% to 37.5% of last year-end audited HKEX shareholders' equity.		30/09/2019	A cap is set on the total amount of margin funds, default funds and corporate funds of HKEx Group that can be deposited with any one of its counterparties. Under the new Credit Limit Framework for Settlement and Investment (Credit Limit Framework), investment exposure in HSBC & BOCHK, the concentration limit is 50% of last year-end audited HKEX shareholders' equity. Investment exposure in all other single name counterparty limit using credit rating based laddered approach, ranges from 5% to 37.5% of last year-end audited HKEX shareholders' equity.	
16.2	16.2.19	How total cash received from participants (16.1) is held/deposited/invested, including;	State the number of times over the previous quarter in which this limit has been exceeded.	31/12/2019	0		30/09/2019	0	
16.2	16.2.20	How total cash received from participants (16.1) is held/deposited/invested, including;	Percentage of total participant cash held as securities.	31/12/2019	0.00%		30/09/2019	0.00%	
16.3	16.3.1	Rehypothecation of participant assets (ie non-cash)	Total value of participant non-cash rehypothecated (Initial margin)	31/12/2019	Not applicable	16.3.1, 16.3.2, 16.3.3, 16.3.4 - HKSCC does not permit rehypothecation of non-cash collateral per its internal risk policy.	30/09/2019	Not applicable	16.3.1, 16.3.2, 16.3.3, 16.3.4 - HKSCC does not permit rehypothecation of non-cash collateral per its internal risk policy.
16.3	16.3.2	Rehypothecation of participant assets (ie non-cash)	Total value of participant non-cash rehypothecated (Default fund)	31/12/2019	Not applicable		30/09/2019	Not applicable	
16.3	16.3.3	Rehypothecation of participant assets (ie non-cash)	Rehypothecation of participant assets (ie non-cash) by the CCP where allowed; initial margin; over the following maturities: Overnight/one day; one day and up to one week; One week and up to one month; One month and up to one year; One year and up to two years; Over two years	31/12/2019	Not applicable		30/09/2019	Not applicable	
16.3	16.3.4	Rehypothecation of participant assets (ie non-cash)	Rehypothecation of participant assets (ie non-cash); default fund; over the following maturities: Overnight/one day; one day and up to one week; One week and up to one month; One month and up to one year; One year and up to two years; Over two years	31/12/2019	Not applicable		30/09/2019	Not applicable	
17.1	17.1.1	Operational availability target for the core system(s) involved in clearing (whether or not outsourced) over specified period for the system (e.g. 99.99% over a twelve-month period)	Operational availability target for the core system(s) involved in clearing (whether or not outsourced) over specified period for the system (e.g. 99.99% over a twelve-month period)	31/12/2019	99.95%		30/09/2019	99.95%	
17.2	17.2.1	Actual availability of the core system(s) over the previous twelve month period	Actual availability of the core system(s) over the previous twelve month period	31/12/2019	100.00%		30/09/2019	100.00%	
17.3	17.3.1	Total number of failures	Total number of failures and duration affecting the core system(s) involved in clearing over the previous twelve month period	31/12/2019	DurationofFailure : 00:00:00		30/09/2019	DurationofFailure : 00:00:00	
17.4	17.4.1	Recovery time objective(s)	Recovery time objective(s) (e.g. within two hours)	31/12/2019	within 2 hours		30/09/2019	within 2 hours	
18.1	18.1.1.1	Number of clearing members, by clearing service	Number of general clearing members	31/12/2019	9		30/09/2019	9	
18.1	18.1.1.2	Number of clearing members, by clearing service	Number of direct clearing members	31/12/2019	638		30/09/2019	638	
18.1	18.1.1.3	Number of clearing members, by clearing service	Number of others category (Describe in comments)	31/12/2019	2		30/09/2019	2	
18.1	18.1.2.1	Number of clearing members, by clearing service	Number of central bank participants	31/12/2019	Not applicable	18.1.2.1 - HKSCC does not offer this Clearing Participantship category.	30/09/2019	Not applicable	18.1.2.1 - HKSCC does not offer this Clearing Participantship category.
18.1	18.1.2.2	Number of clearing members, by clearing service	Number of CCP participants	31/12/2019	2		30/09/2019	2	
18.1	18.1.2.3	Number of clearing members, by clearing service	Number of bank participants	31/12/2019	6		30/09/2019	6	
18.1	18.1.2.4	Number of clearing members, by clearing service	Number of other participants (Describe in comments)	31/12/2019	641		30/09/2019	641	

18.1	18.1.3.1	Number of clearing members, by clearing service	Number of domestic participants	31/12/2019	644		30/09/2019	644	
18.1	18.1.3.2	Number of clearing members, by clearing service	Number of foreign participants	31/12/2019	5		30/09/2019	5	
18.2	18.2.1	Open Position Concentration	For each clearing service with ten or more members, but fewer than 25 members; Percentage of open positions held by the largest five clearing members, including both house and client, in aggregate; Average and Peak over the quarter	31/12/2019	AverageInQuarter : Not applicable PeakInQuarter : Not applicable	18.2.1, 18.3.1 - Not applicable to HKSCC which has more than 25 members.	30/09/2019	AverageInQuarter : Not applicable PeakInQuarter : Not applicable	18.2.1, 18.3.1 - Not applicable to HKSCC which has more than 25 members.
18.2	18.2.2	Open Position Concentration	For each clearing service with 25 or more members; Percentage of open positions held by the largest five clearing members, including both house and client, in aggregate; Average and Peak over the quarter	31/12/2019	AverageInQuarter : 41.06% PeakInQuarter : 66.17%		30/09/2019	AverageInQuarter : 40.15% PeakInQuarter : 52.88%	
18.2	18.2.3	Open Position Concentration	For each clearing service with 25 or more members; Percentage of open positions held by the largest ten clearing members, including both house and client, in aggregate; Average and Peak over the quarter	31/12/2019	AverageInQuarter : 66.17% PeakInQuarter : 92.32%		30/09/2019	AverageInQuarter : 63.10% PeakInQuarter : 73.02%	
18.3	18.3.1	Initial Margin Concentration	For each clearing service with ten or more members, but fewer than 25 members; Percentage of initial margin posted by the largest five clearing members, including both house and client, in aggregate; Average and Peak over the quarter	31/12/2019	AverageInQuarter : Not applicable PeakInQuarter : Not applicable	18.3.1 - Not applicable to HKSCC which has more than 25 members.	30/09/2019	AverageInQuarter : Not applicable PeakInQuarter : Not applicable	18.3.1 - Not applicable to HKSCC which has more than 25 members.
18.3	18.3.2	Initial Margin Concentration	For each clearing service with 25 or more members; Percentage of initial margin posted by the largest five clearing members, including both house and client, in aggregate; Average and Peak over the quarter	31/12/2019	AverageInQuarter: Exchange Trades: 34.41%; Shanghai-HK Connect Securities Trades: 57.22%; Shenzhen-HK Connect Securities Trades: 64.29%  PeakInQuarter: Exchange Trades: 45.29%; Shanghai-HK Connect Securities Trades: 61.58%; Shenzhen-HK Connect Securities Trades: 67.79%		30/09/2019	AverageInQuarter: Exchange Trades: 35.44%; Shanghai-HK Connect Securities Trades: 55.03%; Shenzhen-HK Connect Securities Trades: 64.73%  PeakInQuarter: Exchange Trades: 45.54%; Shanghai-HK Connect Securities Trades: 59.24%; Shenzhen-HK Connect Securities Trades: 67.84%	
18.3	18.3.3	Initial Margin Concentration	For each clearing service with 25 or more members; Percentage of initial margin posted by the largest ten clearing members, including both house and client, in aggregate; Average and Peak over the quarter	31/12/2019	AverageInQuarter: Exchange Trades: 56.78%; Shanghai-HK Connect Securities Trades: 84.35%; Shenzhen-HK Connect Securities Trades: 89.01%  PeakInQuarter: Exchange Trades: 69.60%; Shanghai-HK Connect Securities Trades: 86.68%; Shenzhen-HK Connect Securities Trades: 90.33%		30/09/2019	AverageInQuarter: Exchange Trades: 58.24%; Shanghai-HK Connect Securities Trades: 81.53%; Shenzhen-HK Connect Securities Trades: 86.77%  PeakInQuarter: Exchange Trades: 66.97%; Shanghai-HK Connect Securities Trades: 84.24%; Shenzhen-HK Connect Securities Trades: 88.91%	
18.4	18.4.1	Segregated Default Fund Concentration	For each segregated default fund with ten or more members, but fewer than 25 members; Percentage of participant contributions to the default fund contributed by largest five clearing members in aggregate	31/12/2019	Not applicable	18.4.1 - Not applicable to HKSCC which has more than 25 members.	30/09/2019	Not applicable	18.4.1 - Not applicable to HKSCC which has more than 25 members.
18.4	18.4.2	Segregated Default Fund Concentration	For each segregated default fund with 25 or more members; Percentage of participant contributions to the default fund contributed by largest five clearing members in aggregate	31/12/2019	32.71%		30/09/2019	30.63%	
18.4	18.4.3	Segregated Default Fund Concentration	For each segregated default fund with 25 or more members; Percentage of participant contributions to the default fund contributed by largest ten clearing members in aggregate	31/12/2019	55.00%		30/09/2019	54.05%	
19.1	19.1.1	Tiered participation arrangements, measures of concentration of client clearing	Number of clients (if known)	31/12/2019	Not applicable	19.1.1, 19.1.2, 19.1.3.1, 19.1.3.2, 19.1.4.1 and 19.1.4.2 - HKSCC deals with its Clearing Participants as principal and not agent, it has no contractual relationship with the clients of its Clearing Participant. Hence HKSCC does not have information on the number of retail clients of its Clearing Participants.	30/09/2019	Not applicable	19.1.1, 19.1.2, 19.1.3.1, 19.1.3.2, 19.1.4.1 and 19.1.4.2 - HKSCC deals with its Clearing Participants as principal and not agent, it has no contractual relationship with the clients of its Clearing Participant. Hence HKSCC does not have information on the number of retail clients of its Clearing Participants.
19.1	19.1.2	Tiered participation arrangements, measures of concentration of client clearing	Number of direct members that clear for clients	31/12/2019	Not applicable		30/09/2019	Not applicable	
19.1	19.1.3.1	Tiered participation arrangements, measures of concentration of client clearing	Percent of client transactions attributable to the top five clearing members (if CCP has 10+ clearing members) - Peak	31/12/2019	Not applicable		30/09/2019	Not applicable	
19.1	19.1.3.2	Tiered participation arrangements, measures of concentration of client clearing	Percent of client transactions attributable to the top five clearing members (if CCP has 10+ clearing members) - Average	31/12/2019	Not applicable		30/09/2019	Not applicable	
19.1	19.1.4.1	Tiered participation arrangements, measures of concentration of client clearing	Percent of client transactions attributable to the top ten clearing members (if CCP has 25+ clearing members) - Peak	31/12/2019	Not applicable		30/09/2019	Not applicable	
19.1	19.1.4.2	Tiered participation arrangements, measures of concentration of client clearing	Percent of client transactions attributable to the top ten clearing members (if CCP has 25+ clearing members) - Average	31/12/2019	Not applicable		30/09/2019	Not applicable	
20.1	20.1.1	FMI Links, Value of Trades	Value of trades cleared through each link – as a share of total trade values/total notional values cleared	31/12/2019	59.53%		30/09/2019	43.93%	
20.2	20.2.1	FMI Links, Initial Margin or equivalent financial resources provided	Initial margin or equivalent financial resources provided to each linked CCP by the CCP to cover the potential future exposure of the linked CCP on contracts cleared across link	31/12/2019	Shanghai-HK Securities Trades: CNY 2,357,547,463.17 Shenzhen-HK Connect Securities Trades: CNY 2,572,906,978.46		30/09/2019	Shanghai-HK Securities Trades: CNY 2,258,347,222.64 Shenzhen-HK Connect Securities Trades: CNY 2,240,994,566.46	
20.3	20.3.1	FMI Links, Initial Margin or equivalent financial resources collected	Initial margin or equivalent financial resources collected from each linked CCP to cover potential future exposure to the linked CCP on contracts cleared across link (at market value and post haircut)	31/12/2019	Shanghai-HK Securities Trades: CNY 126,136,349.76 Shenzhen-HK Connect Securities Trades: CNY 197,108,548.49		30/09/2019	Shanghai-HK Securities Trades: CNY 59,096,059.16 Shenzhen-HK Connect Securities Trades: CNY 51,905,560.99	

20.4	20.4.1.1	FMI Links, Results of Back-testing coverage	Number of times over the past twelve months that coverage provided by margin and equivalent financial resources held against each linked CCP fell below the actual marked-to-market exposure to that linked CCP – based on daily back testing results; Intraday or Continuous or Once-a-day	31/12/2019	Shanghai-HK Connect Securities Trades: 0 Shenzhen-HK Connect Securities Trades: 0		30/09/2019	Shanghai-HK Connect Securities Trades: 0 Shenzhen-HK Connect Securities Trades: 0	
20.4	20.4.1.2	FMI Links, Results of Back-testing coverage	Back-testing results frequency - state if measured intraday/continuously/once a day	31/12/2019	Shanghai-HK Connect Securities Trades: Once a day  Shenzhen-HK Connect Securities Trades: Once a day		30/09/2019	Shanghai-HK Connect Securities Trades: Once a day  Shenzhen-HK Connect Securities Trades: Once a day	
20.4	20.4.1.3	FMI Links, Results of Back-testing coverage	If 20.4.1.2 is 'once a day' then the time of day measure is taken, otherwise blank	31/12/2019	Shanghai-HK Connect Securities Trades: 20:00:00 Shenzhen-HK Connect Securities Trades: 20:00:00		30/09/2019	Shanghai-HK Connect Securities Trades: 20:00:00 Shenzhen-HK Connect Securities Trades: 20:00:00	
20.4	20.4.2	FMI Links, Results of Back-testing coverage	Number of observations (i.e. number of accounts multiplied by number of days covered in the back test); Intraday or Continuous or Once-a-day	31/12/2019	Shanghai-HK Stock Connect Securities Trades: 230 Shenzhen-HK Stock Connect Securities Trades: 230		30/09/2019	Shanghai-HK Stock Connect Securities Trades: 226 Shenzhen-HK Stock Connect Securities Trades: 226	
20.4	20.4.3	FMI Links, Results of Back-testing coverage	Achieved coverage level	31/12/2019	Shanghai-HK Connect Securities Trades: 100.00% Shenzhen-HK Connect Securities Trades: 100.00%		30/09/2019	Shanghai-HK Connect Securities Trades: 100.00% Shenzhen-HK Connect Securities Trades: 100.00%	
20.5	20.5.1.1	FMI Links, Additional pre-funded financial resources provided to	Additional pre-funded financial resources (if any) beyond initial margin and equivalent financial resources provided to each linked CCP, that are available to the linked CCP to cover exposures to the CCP	31/12/2019	Not applicable	20.5.1.1, 20.5.1.2, 20.6.1.1 and 20.6.1.2 - HKSCC does not have additional pre-funded financial resources provided to or collected from linked CCP under FMI link.  20.7.1 and 20.7.2 - HKSCC does not have cross-margining applied to FMI link.	30/09/2019	Not applicable	20.5.1.1, 20.5.1.2, 20.6.1.1 and 20.6.1.2 - HKSCC does not have additional pre-funded financial resources provided to or collected from linked CCP under FMI link.  20.7.1 and 20.7.2 - HKSCC does not have cross-margining applied to FMI link.
20.5	20.5.1.2	FMI Links, Additional pre-funded financial resources provided to	Whether part of, additional to, or separate from the standard default fund	31/12/2019	Not applicable		30/09/2019	Not applicable	
20.6	20.6.1.1	FMI Links, Additional pre-funded financial resources collected from	Additional pre-funded financial resources (if any) beyond initial margin and equivalent financial resources collected from each linked CCP, that are available to the linked CCP to cover exposures to the CCP	31/12/2019	Not applicable		30/09/2019	Not applicable	
20.6	20.6.1.2	FMI Links, Additional pre-funded financial resources collected from	Whether part of, additional to, or separate from the standard default fund	31/12/2019	Not applicable		30/09/2019	Not applicable	
20.7	20.7.1	FMI Links, Cross Margining	Value of trades subject to cross margining, by clearing service, as a percentage of total trade values/total notional values cleared	31/12/2019	Not applicable		30/09/2019	Not applicable	
20.7	20.7.2	FMI Links, Cross Margining	Reduction in total initial margin held by the CCP as a result of cross margining, as a percentage of total initial margin that would otherwise have been held.	31/12/2019	Not applicable		30/09/2019	Not applicable	
23.1	23.1.1	Disclosure of rules, key procedures, and market data; Average Daily Volumes	Average Daily Volumes by Asset Class, Instrument, CCY and Over-the-Counter(OTC) or Exchange Traded (ETD)	31/12/2019	Please refer to supplementary table below		30/09/2019	Please refer to supplementary table below	
23.1	23.1.2	Disclosure of rules, key procedures, and market data; Average Daily Volumes	Average Notional Value of trades cleared by Asset Class, CCY and Over-the-Counter(OTC) or Exchange Traded (ETD)	31/12/2019	Please refer to supplementary table below		30/09/2019	Please refer to supplementary table below	
23.2	23.2.1	Disclosure of rules, key procedures, and market data; Non-Yet-Settled	Gross notional outstanding/total settlement value of novated but not-yet settled securities transactions by Asset Class, Instrument, CCY and Over-the-Counter(OTC) or Exchange Traded (ETD)	31/12/2019	Please refer to supplementary table below		30/09/2019	Please refer to supplementary table below	
23.2	23.2.2	Disclosure of rules, key procedures, and market data; Average Daily Volumes	Defines the Asset Class for volumes reported in Disclosure References 23.1.1, 23.1.2 and 23.2.1	31/12/2019	Please refer to supplementary table below		30/09/2019	Please refer to supplementary table below	
23.2	23.2.3	Disclosure of rules, key procedures, and market data; Average Daily Volumes	Defines the Product Type for volumes reported in Disclosure References 23.1.1, 23.1.2 and 23.2.1	31/12/2019	Please refer to supplementary table below		30/09/2019	Please refer to supplementary table below	
23.2	23.2.4	Disclosure of rules, key procedures, and market data; Average Daily Volumes	Defines the Product Code for volumes reported in Disclosure References 23.1.1, 23.1.2 and 23.2.1	31/12/2019	Not applicable	23.2.4 - HKSCC does not have product code applied to each product.	30/09/2019	Not applicable	23.2.4 - HKSCC does not have product code applied to each product.
23.3	23.3.1	Disclosure of rules, key procedures, and market data; Execution Facility	Average daily volumes submitted by Execution facility or matching/confirmation venue	31/12/2019	The Stock Exchange of Hong Kong Limited: HKD 76,940,758,220.53 Shanghai Stock Exchange: CNY 19,441,301,206.90 Shenzhen Stock Exchange: CNY 21,490,513,448.28		30/09/2019	The Stock Exchange of Hong Kong Limited: HKD 76,856,131,842.63 Shanghai Stock Exchange: CNY 19,269,882,031.25 Shenzhen Stock Exchange: CNY 19,266,660,937.5	
23.3	23.3.2	Disclosure of rules, key procedures, and market data; Execution Facility	Notional contract values submitted by Execution facility or matching/confirmation venue	31/12/2019	The Stock Exchange of Hong Kong Limited: HKD 76,940,758,220.53 Shanghai Stock Exchange: CNY 19,441,301,206.90 Shenzhen Stock Exchange: CNY 21,490,513,448.28		30/09/2019	The Stock Exchange of Hong Kong Limited: HKD 76,856,131,842.63 Shanghai Stock Exchange: CNY 19,269,882,031.25 Shenzhen Stock Exchange: CNY 19,266,660,937.5	

**Supplementary Table**  
**Disclosures 23.1 & 23.2**

Product Types	Asset Class	Product Code	Currency	Current Quarter - Report Date	Current Quarter - Average Daily Volumes	Current Quarter - Average Notional Value of trades	Current Quarter - Gross notional outstanding/total settlement value of novated but not-yet settled securities transactions	Previous Quarter - Report Date	Previous Quarter - Average Daily Volumes	Previous Quarter - Average Notional Value of trades	Previous Quarter - Gross notional outstanding/total settlement value of novated but not-yet settled securities transactions
23.2.3	23.2.2	23.2.4			23.1.1	23.1.2	23.2.1		23.1.1	23.1.2	23.2.1
equity securities	Equities	Not applicable	HKD	31/12/2019	59,101,391,049.84	59,101,391,049.84	25,690,110.78	30/09/2019	56,907,380,008.85	56,907,380,008.85	20,001,319.40
equity securities	Equities	Not applicable	USD	31/12/2019	1,943,505.02	1,943,505.02	0.00	30/09/2019	774,608.54	774,608.54	0.00
equity securities	Equities	Not applicable	CNY	31/12/2019	40,931,935,357.11	40,931,935,357.11	7,703,622.88	30/09/2019	38,387,346,890.54	38,387,346,890.54	2,165,641.67
equity warrants	Equities	Not applicable	HKD	31/12/2019	78,283.95	78,283.95	0.00	30/09/2019	12,681.28	12,681.28	0.00
equity warrants	Equities	Not applicable	USD	31/12/2019	0.00	0.00	0.00	30/09/2019	0.00	0.00	0.00
equity warrants	Equities	Not applicable	CNY	31/12/2019	0.00	0.00	0.00	30/09/2019	0.00	0.00	0.00
derivatives warrants	Equities	Not applicable	HKD	31/12/2019	5,791,098,193.31	5,791,098,193.31	0.00	30/09/2019	6,686,161,131.83	6,686,161,131.83	0.00
derivatives warrants	Equities	Not applicable	USD	31/12/2019	0.00	0.00	0.00	30/09/2019	0.00	0.00	0.00
derivatives warrants	Equities	Not applicable	CNY	31/12/2019	0.00	0.00	0.00	30/09/2019	0.00	0.00	0.00
debt securities	Equities	Not applicable	HKD	31/12/2019	4,722,951.37	4,722,951.37	0.00	30/09/2019	11,348,121.55	11,348,121.55	0.00
debt securities	Equities	Not applicable	USD	31/12/2019	26,575,753.08	26,575,753.08	0.00	30/09/2019	24,570,398.89	24,570,398.89	0.00
debt securities	Equities	Not applicable	CNY	31/12/2019	1,672,299.81	1,672,299.81	0.00	30/09/2019	219,655.38	219,655.38	0.00
unit trusts	Equities	Not applicable	HKD	31/12/2019	4,949,102,126.74	4,949,102,126.74	0.00	30/09/2019	5,565,361,169.40	5,565,361,169.40	0.00
unit trusts	Equities	Not applicable	USD	31/12/2019	1,381,026.65	1,381,026.65	0.00	30/09/2019	3,367,583.42	3,367,583.42	0.00
unit trusts	Equities	Not applicable	CNY	31/12/2019	34,136,653.05	34,136,653.05	0.00	30/09/2019	42,619,967.88	42,619,967.88	0.00

equity linked instruments	Equities	Not applicable	HKD	31/12/2019	0.00	0.00	0.00	30/09/2019	0.00	0.00	0.00
equity linked instruments	Equities	Not applicable	USD	31/12/2019	0.00	0.00	0.00	30/09/2019	0.00	0.00	0.00
equity linked instruments	Equities	Not applicable	CNY	31/12/2019	0.00	0.00	0.00	30/09/2019	0.00	0.00	0.00
callable bull/bear contracts	Equities	Not applicable	HKD	31/12/2019	6,822,771,233.47	6,822,771,233.47	0.00	30/09/2019	7,414,851,444.68	7,414,851,444.68	0.00
callable bull/bear contracts	Equities	Not applicable	USD	31/12/2019	0.00	0.00	0.00	30/09/2019	0.00	0.00	0.00
callable bull/bear contracts	Equities	Not applicable	CNY	31/12/2019	0.00	0.00	0.00	30/09/2019	0.00	0.00	0.00