

DRAFT ANNEX XXV

REPORTING ON LIQUIDITY (PART 5: CALCULATIONS)

1. Calculations

1.1. General remarks

This is a summary template which contains information about calculations for the purpose of reporting the liquidity coverage requirement as specified in Commission delegated regulation (EU) 2015/61. Items which do not need to be completed by institutions are coloured grey.

1.2. Specific remarks

Cell references are given in the format: template; row; column. For example, {C 72.00; r130; c040} refers to Liquid Assets template; row 130; column 040.

Calculations sub template

Instructions concerning specific rows

Row	Legal references and instructions
<u>CALCULATIONS</u>	
<u>Numerator, Denominator, Ratio</u> Article 4 of Commission delegated regulation (EU) 2015/61 The Liquidity Coverage Ratio numerator, denominator and ratio. Enter all below data into column 010 of given row.	
010	<u>1. Liquidity Buffer</u> Report figure from {C 76.00; r290; c010}.
020	<u>2. Net Liquidity Outflow</u> Report figure from {C 76.00; r370; c010}.
030	<u>3. Liquidity Coverage Ratio (%)</u> Report the liquidity coverage ratio calculated as specified in Article 4(1) of Commission delegated regulation (EU) 2015/61. The liquidity coverage ratio shall be equal to the ratio of a credit institution's liquidity buffer to its net liquidity outflows over a 30 calendar day stress period and shall be expressed as a percentage. If {C 76.00; r020; c010} is zero (causing a ratio of infinity) then report the value 999999.
<u>Numerator calculations</u> Article 17 and ANNEX I of Commission delegated regulation (EU) 2015/61 Formula for the calculation of the Liquidity Buffer. Enter all below data into column 010 of given row.	

040	<p><u>4. L1 excl. EHQCB liquidity buffer (value according to Article 9): unadjusted</u></p> <p>Report figure from {C 72.00; r030; c040}.</p>
050	<p><u>5. L1 excl. EHQCB collateral 30 day outflows</u></p> <p>Report outflows of Level 1 (excluding extremely high quality covered bonds) liquid securities upon the unwind of any secured funding transaction, secured lending transaction, asset exchange or collateralised derivatives transaction that matures within 30 calendar days from the reference date.</p>
060	<p><u>6. L1 excl. EHQCB collateral 30 day inflows</u></p> <p>Report inflows of Level 1 (excluding extremely high quality covered bonds) liquid securities upon the unwind of any secured funding transaction, secured lending transaction, asset exchange or collateralised derivatives transaction that matures within 30 calendar days from the reference date.</p>
070	<p><u>7. Secured cash outflows</u></p> <p>Report outflows of cash (a Level 1 asset) upon the unwind of any secured funding transaction, secured lending transaction, asset exchange or collateralised derivatives transaction that matures within 30 calendar days from the reference date.</p>
080	<p><u>8. Secured cash inflows</u></p> <p>Report inflows of cash (a Level 1 asset) upon the unwind of any secured funding transaction, secured lending transaction, asset exchange or collateralised derivatives transaction that matures within 30 calendar days from the reference date.</p>
090	<p><u>9. L1 excl. EHQCB "adjusted amount before cap application"</u></p> <p>This is referred to as (a) in Annex I (5)</p> <p>Report the adjusted non-covered bond level 1 asset amount before cap application.</p> <p>The adjusted amount takes into account the unwind of secured funding transactions, secured lending transactions, asset exchanges or collateralised derivatives transactions that mature within 30 calendar days from the reference date.</p>
100	<p><u>10. L1 EHQCB value according to Article 9: unadjusted</u></p> <p>Report figure from {C 72.00; r180; c040}.</p>
110	<p><u>11. L1 EHQCB collateral 30 day outflows</u></p> <p>Report outflows of Level 1 extremely high quality covered bonds upon the unwind of any secured funding transaction, secured lending transaction, asset exchange or collateralised derivatives transaction that matures within 30 calendar days from the reference date.</p>
120	<p><u>12. L1 EHQCB collateral 30 day inflows</u></p> <p>Report inflows of Level 1 extremely high quality covered bonds upon the unwind of any secured funding transaction, secured lending transaction, asset exchange or collateralised derivatives transaction that matures within 30</p>

	calendar days from the reference date.
130	<p><u>13. L1 EHQCB "adjusted amount before cap application"</u></p> <p>This is referred to as (b) in Annex I (5)</p> <p>Report the adjusted covered bond level 1 asset amount before cap application.</p> <p>The adjusted amount takes into account the unwind of secured funding transactions, secured lending transactions, asset exchanges or collateralised derivatives transactions that mature within 30 calendar days from the reference date.</p>
140	<p><u>14. L1 EHQCB "adjusted amount after cap application"</u></p> <p>This is referred to as (b") in Annex I (5)</p> <p>Report b" (the adjusted covered bond level 1 asset amount after cap application)</p> <p>= MIN(b, a70/30)</p> <p>where b= the adjusted covered bond level 1 asset amount before cap application.</p>
150	<p><u>15. L1 EHQCB "excess liquid assets amount"</u></p> <p>Report the difference between b and b". b and b" as referred to in Annex I (5)</p>
160	<p><u>16. L2A value according to Article 9: unadjusted</u></p> <p>Report figure from { C 72.00; r230; c040}.</p>
170	<p><u>17. L2A collateral 30 day outflows</u></p> <p>Report outflows of Level 2A liquid securities upon the unwind of any secured funding transaction, secured lending transaction, asset exchange or collateralised derivatives transaction that matures within 30 calendar days from the calculation date.</p>
180	<p><u>18. L2A collateral 30 day inflows</u></p> <p>Report inflows of Level 2A liquid securities upon the unwind of any secured funding transaction, secured lending transaction, asset exchange or collateralised derivatives transaction that matures within 30 calendar days from the calculation date.</p>
190	<p><u>19. L2A "adjusted amount before cap application"</u></p> <p>This is referred to as (c) in Annex I (5)</p> <p>Report the adjusted level 2A asset amount before cap application.</p> <p>The adjusted amount takes into account the unwind of secured funding transactions, secured lending transactions, asset exchanges or collateralised derivatives transactions that mature within 30 calendar days from the calculation date.</p>
200	<p><u>20. L2A "adjusted amount after cap application"</u></p> <p>This is referred to as (c") in Annex I (5)</p>

	<p>Report c" (the adjusted level 2A asset amount after cap application)</p> $= \text{MIN}(c, (a+b'')40/60, \text{MAX}(a70/30-b'', 0))$ <p>where c = the adjusted level 2A asset amount before cap application.</p>
210	<p><u>21. L2A "excess liquid assets amount"</u></p> <p>Report the difference between c and c". c and c" as referred to in Annex I (5).</p>
220	<p><u>22. L2B value according to Article 9: unadjusted</u></p> <p>Report figure from {C 72.00; r310; c040}.</p>
230	<p><u>23. L2B collateral 30 day outflows</u></p> <p>Report outflows of Level 2B liquid securities upon the unwind of any secured funding transaction, secured lending transaction, asset exchange or collateralised derivatives transaction that matures within 30 calendar days from the calculation date.</p>
240	<p><u>24. L2B collateral 30 day inflows</u></p> <p>Report inflows of Level 2B liquid securities upon the unwind of any secured funding transaction, secured lending transaction, asset exchange or collateralised derivatives transaction that matures within 30 calendar days from the calculation date.</p>
250	<p><u>25. L2B "adjusted amount before cap application"</u></p> <p>This is referred to as (d) in Annex I (5)</p> <p>Report the adjusted level 2B asset amount before cap application. The adjusted amount takes into account the unwind of secured funding transactions, secured lending transactions, asset exchanges or collateralised derivatives transactions that mature within 30 calendar days from the calculation date.</p>
260	<p><u>26. L2B "adjusted amount after cap application"</u></p> <p>This is referred to as (d") in Annex I (5)</p> <p>Report d" (the adjusted level 2B asset amount after cap application)</p> $= \text{MIN}(d, (a+b''+c'')15/85, \text{MAX}((a+b'')40/60-c'', 0), \text{MAX}(70/30a-b''-c'', 0))$ <p>Where d= the adjusted level 2B asset amount before cap application).</p>
270	<p><u>27. L2B "excess liquid assets amount"</u></p> <p>Report the difference between d and d". d and d" as referred to in Annex I (5).</p>
280	<p><u>28. Excess liquid asset amount</u></p> <p>Annex I(4)</p> <p>Report the 'excess liquid assets amount': this amount shall be equal to:</p> <ul style="list-style-type: none"> (a) the adjusted non-covered bond level 1 asset amount; plus (b) the adjusted level 1 covered bond amount; plus (c) the adjusted level 2A asset amount; plus

	<p>(d) the adjusted level 2B asset amount; minus the lesser of:</p> <p>(e) the sum of (a),(b),(c) and (d);</p> <p>(f) 100/30 times (a);</p> <p>(g) 100/60 times the sum of (a) and (b);</p> <p>(h) 100/85 times the sum of (a), (b) and (c).</p>
290	<p><u>29. LIQUIDITY BUFFER</u></p> <p>Annex I (2)</p> <p>Report the liquidity buffer which shall be equal to:</p> <p>(a) the level 1 asset amount; plus</p> <p>(b) the level 2A asset amount; plus</p> <p>(c) the level 2B asset amount;</p> <p>minus the lesser of:</p> <p>(d) the sum of (a), (b), and (c); or</p> <p>(e) the 'excess liquid assets amount'.</p>
<p><u>Denominator calculations</u></p> <p>ANNEX II of Commission delegated regulation (EU) 2015/61</p> <p>Formula for the calculation of the net liquidity outflow</p> <p>Where,</p> <p>NLO = Net liquidity outflow</p> <p>TO = Total outflows</p> <p>TI = Total inflows</p> <p>FEI = Fully exempted inflows</p> <p>IHC = Inflows subject to higher cap of 90% outflows</p> <p>IC = Inflows subject to cap of 75% of outflows</p> <p>Enter all below data in to column 010 of given row</p>	
300	<p><u>30. Total Outflows</u></p> <p>TO = from Outflow sheet</p> <p>Report figure from {C 73.00; r010; c060}.</p>
310	<p><u>31. Fully Exempt Inflows</u></p> <p>FEI = from Inflows sheet</p> <p>Report figure from {C 74.00; r010; c160}.</p>
320	<p><u>32. Inflows Subject to 90% Cap</u></p> <p>IHC = from Inflows sheet</p> <p>Report figure from {C 74.00; r010; c150}.</p>

330	<p><u>33. Inflows Subject to 75% Cap</u></p> <p>IC = from Inflows & Collateral swaps sheets</p> <p>Report figure from {C 74.00; r010; c140}.</p>
340	<p><u>34. Reduction for Fully Exempt Inflows</u></p> <p>Report the following part of the NLO calculation: = MIN (FEI, TO).</p>
350	<p><u>35. Reduction for Inflows Subject to 90% Cap</u></p> <p>Report the following part of the NLO calculation: = MIN (IHC, 0.9*MAX(TO-FEI, 0)).</p>
360	<p><u>36. Reduction for Inflows Subject to 75% Cap</u></p> <p>Report the following part of the NLO calculation: = MIN (IC, 0.75*MAX(TO-FEI-IHC/0.9, 0)).</p>
370	<p><u>37. NET LIQUIDITY OUTFLOW</u></p> <p>Report the net liquidity outflow which equals total outflows less the reduction for fully exempt inflows less the reduction for inflows subject to the 90% cap less the reduction for inflows subject to the 75% cap.</p> <p>NLO= TO - MIN(FEI, TO) - MIN(IHC, 0.9*MAX(TO-FEI, 0)) - MIN(IC, 0.75*MAX(TO-FEI-IHC/0.9,0))</p>
<u>Pillar 2</u>	
380	<p><u>38. PILLAR 2 REQUIREMENT</u></p> <p>as set out in Article 105 CRD</p> <p>Report the Pillar 2 requirement.</p>